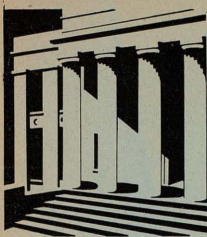


AIM Ann Report
1961 to 1962

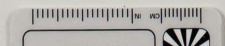
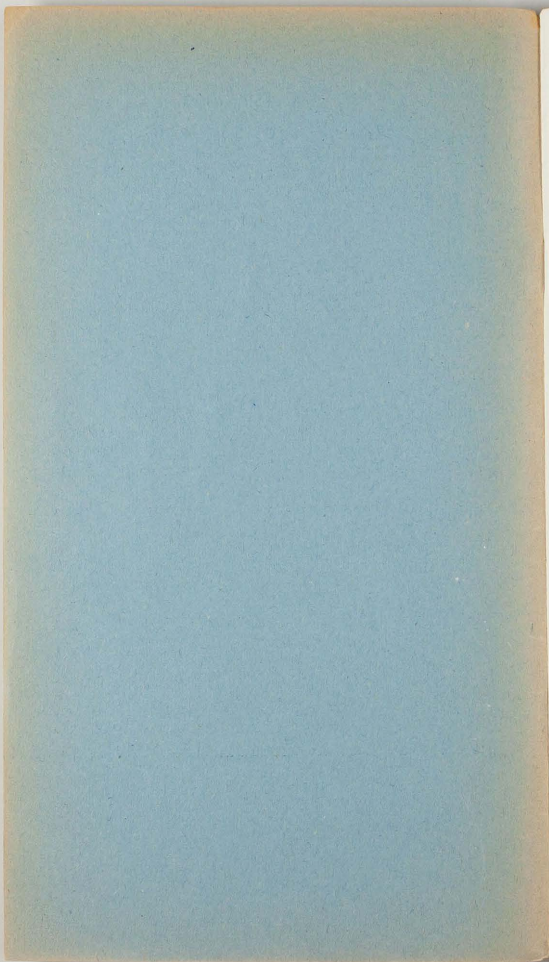
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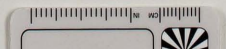
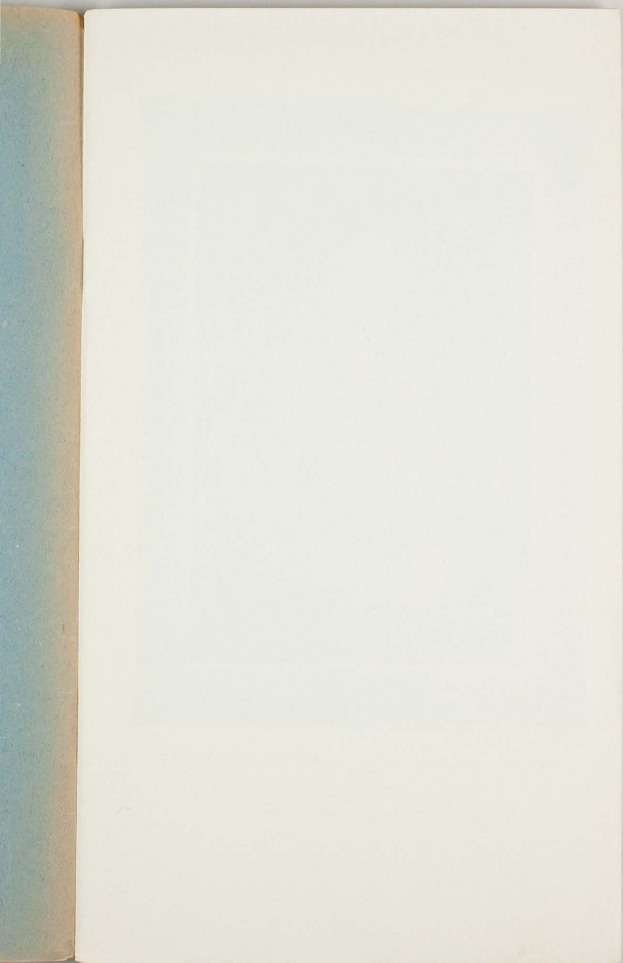
ANNUAL REPORT
OF THE
**AUCKLAND
INSTITUTE
AND MUSEUM**
1961-62

For presentation at the
Annual General Meeting
to be held on 28th June, 1962

AIM Ann Report
1961 to 1962



AIM Ann Report
1961 to 1962



AIM Ann Report
1961 to 1962



His Excellency the Governor-General Viscount Cobham, G.C.M.G., T.D.

by Philip Lambe.

Presented by an Auckland Citizen.

AIM Ann Report
1961 to 1962

ANNUAL REPORT
OF THE
AUCKLAND INSTITUTE
AND MUSEUM

For 1961-62

For presentation at the Annual General
Meeting to be held on 28th June, 1962



AUCKLAND
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Staff of the Museum.



| | |
|--|--|
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| Assistant Director | A. W. B. POWELL, HON. D.S.C., F.R.S.N.Z., F.M.A.N.Z. |
| Ethnologist | V. F. FISHER, M.A., F.M.A.N.Z. |
| Hon. Curator of English China | C. REGINALD FORD, F.R.I.B.A., F.R.G.S. |
| Botanist | R. C. COOPER, M.A., B.COM., PH.D. |
| Hon. Botanist | LUCY CRANWELL SMITH, M.A., D.S.C., F.L.S., F.R.S.N.Z. |
| Hon. Associate Botanist | MRS P. H. HYNES. |
| Librarian | ENID A. EVANS, B.A., A.L.A. |
| Extension Service Officer | T. J. BAYLISS. |
| Planetarium Lecturer | R. A. McINTOSH, F.R.A.S. |
| Assistant Planetarium Lecturer | E. E. S. CURTIS. |
| Art Assistant | BETTY BROOKES. |
| Associate Entomologist | J. C. WATT, M.S.C. |
| Associate Entomologist | ANGELA WATT |
| Education Officer | R. A. SCOBIE, M.A., F.M.A.N.Z. |
| Assistant Education Officers | B. H. CADMAN, B.A. N. M. ROE, B.A. |
| Secretarial | THERESE B. WILSON. |
| Library Assistant | LORRAINE M. RICKETTS, N.Z.L.A.CERT. |
| Typist-Telephonist | JUNE R. MOLLOY |
| Information Service | MARGARET M. BOND. DOROTHY J. BEAVIS. |
| Maintenance Officer | R. C. H. HENSEN. |
| Recorder | EUNICE E. WARNEFORD, M.A. |
| Custodian | J. STEWART. |
| Carpenter | G. BROWN |

Attendants:

R. W. ARCHER, H. A. ARMISHAW, O. BECK, H. H. BOX, E.
JACKSON, O. McGUINNESS, A. R. ROBINSON, J. P. THOMSON,
J. S. THOMSON.

OFFICERS
OF THE
AUCKLAND INSTITUTE
AND
MUSEUM

1961-62



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MR. JOHN SEABROOK, A.F.C., E.D.

Vice-Presidents:

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MR. J. W. KEALY, S.M. MR. J. H. ROSE, LL.B.

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| MR. ERIC HAY. | MR. A. T. PYCROFT. |
| DR. H. C. HOLLAND | MR. J. C. RENNIE, LL.B. |
| LT.-COL. A. R. HUGHES. | SIR CARRICK ROBERTSON, F.R.C.S. |
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HIS WORSHIP THE MAYOR, MR. D. M. ROBINSON.
MR. W. M. TONGUE, J.P., E.D.
MR. A. O. GLASSE, O.B.E., M.C. MR. G. E. MYERS.

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R. S. SOUTHWELL.

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| | |
|------------------------------|-------------------------|
| MR. KENNETH B. MYERS, M.B.E. | MR. A. T. PYCROFT. |
| (Chairman) | MR. J. C. RENNIE, LL.B. |
| SIR FRANK MAPPIN. | MR. E. H. RHODES, B.SC. |

Representatives on Council of Royal Society of New Zealand:

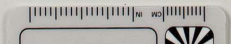
MR. S. G. BROOKER, M.SC.
PROFESSOR R. E. F. MATTHEWS, M.SC., PH.D., F.R.S.N.Z.

Director:

GILBERT ARCHY, C.B.E., M.A., D.SC., F.R.S.N.Z., F.M.A., F.M.A.N.Z.

AIM Ann Report
1961 to 1962

THE
MUSEUM
OF
NEW ZEALAND



Reports to Members



President

Approach to Local Bodies

It had been hoped that a Bill to provide for statutory contribution in support of the Museum by a wider range of Local Bodies, might have been placed before Parliament during the year. It was not, however, found possible to complete the necessary procedure in time.

In the meantime, deputations and interviews with Local Bodies by members of the Council and the Staff, have continued and are continuing, and although much still remains to be done, the increased measure of agreement and support by the Local Bodies throughout the Province, has been heartening and gives prospect of success in this vitally important endeavour.

Council

Advice from Sir Carrick Robertson of his retirement was received with regret by his fellow-members of the Council. Sir Carrick gave notable service to the Institute and Museum for over thirty years, including two (1936-7) as President. We are indebted to him also for a generous endowment for research on the coastal islands.

Congratulations are extended to Dr. Matthews on his appointment to the Professorship of Microbiology in the University of Auckland.

Rules

The Institute Committee gave several meetings to a revision of the Rules, which were adopted by the Council for presentation to members, and, with some few amendments, accepted and passed by members at a special general meeting on the 19th March, 1962.

Awards

At the Annual Meeting, Sir Ernest Davis was unanimously elected an Honorary Life Member in recognition of his many years of support as a member and of his generous donations to the Museum, including the notable portraits of The Queen, Lord Freyberg, Sir Edmund Hillary, and the portrait to come of The Duke of Edinburgh.

For honours awarded by Her Majesty the Queen, members will join in congratulating our fellow-members Rear-Admiral Phipps, C.B.E., and Mr. E. O. Faber, O.B.E.; congratulations are also extended to Mr. W. H. Cocker on the Honorary Degree of LL.D. of the University of New Zealand, conferred in recognition of his many years of notable service on the Senate and as President of Auckland University College. We congratulate Sir Douglas Robb, Professor A. R. Lillie, and Professor E. R. Sayers on their election to the Fellowship of The Royal Society of New Zealand. Sir Douglas has also been elected as the first Chancellor, and another member, Mr. W. H. Cooper, the first Pro-Chancellor of the University of Auckland.

Members

| | As at 31/3/61 | As at 31/3/62 |
|----------------------|------------------|------------------|
| Life Members | 386 | 392 |
| Annual Members | 804 | 813 |
| | <hr/> | <hr/> |
| | 1190 | 1205 |
| | <hr/> | <hr/> |

Obituary

We record with regret the death of Mr. A. Addison, Miss K. M. Bradshaw-Smith, Mrs. B. Buddle, Mr. H. D. Buddle, Miss D. Clark, Mr. H. G. Cousins, Dr. J. Watson Cumming, Mr. D. F. Duigan, M.C., Mr. J. M. Forster, Mr. J. Fuller, Mr. R. D. Horton, Mr. C. I. Nathan, O.B.E., Lieutenant-Colonel T. Harold Pettit, Mr. James Prickett, The Hon. Mr. Justice Shorland, Mr. Bernard Sladden, Mr. Eric Sweet, Mr. T. C. Thomson, Mr. L. H. Tomlinson, Miss I. Wilkinson, and Mr. J. A. Wilson.

Mrs. Buddle will be remembered for her active help in connection with the Cheeseman Native Flower Show, for which Mr. Prickett also was a generous helper; Mr. H. D. Buddle was a frequent donor of interesting marine specimens, and his bequest of £1,000 and of his library exemplify further his close interest in the welfare and progress of our institution. Mr. Bernard Sladden on several occasions gave launch transport for bird studies, and made frequent contributions for library purchases. Mr. Trevor Thomson's interests were in nature studies; we have been given a selection from his books by Mrs. Thomson. Mr. Horton gave much personal assistance to the special exhibition, which he opened, of the history of New Zealand newspapers three years ago. Mr. C. I. Nathan was always ready to assist with a contribution towards a desired purchase; he gave assiduous and successful service on behalf of both World War I and World War II War Memorial building funds.

Financial

The urgent need for considerably increased revenue becomes all too apparent on examining the accounts for the year. All possible reserves have been used; there are none left. It is only by drawing on these reserves that we have come through the year with a small deficit.

But for the much increased voluntary contributions by local bodies, it would have been considerably worse, and I take the opportunity of thanking them warmly for their timely and much appreciated help. I thank also all those who have already given their agreement to our financial proposals, including Metropolitan contributors who have almost unanimously agreed to an increase of about 50% in their present contributions.

Gifts to the Museum

A donation of £2,400 made by the Sir John Logan Campbell Trust is most welcome and timely, enabling a commencement to be made with equipping and installing with displays our several new exhibition halls. Miss Hellaby has added a further £100 to her previous donations for the memorial. Monetary donations have also been received from—The Auckland Studio Potters' Group, Bank of New Zealand, Mrs. M. Brien, Mr. H. D. Buddle, Dr. F. J. Cairns, Miss Tui Flower, Miss E. Kenderdine, Mrs. W. Macdonald, Sir Clutha Mackenzie, Mr. Lloyd Mandeno, Col. R. G. Milligan, D.S.O., Mr. G. C. Morell, N.Z. Historical Society, Mrs. B. Quigley, Mr. H. M. Rodewald, Miss E. I. Swan, Mr. E. W. Tappenden and Family, and The Whangarei Acclimatisation Society.

We are grateful to an anonymous donor for the presentation during the year of an admirable portrait of the Director, Dr. Gilbert Archey, C.B.E.; we also give warm thanks to the Countess of Orford, Life Member, for a fine landscape water-colour of Auckland from the Museum site, by the well-known early artist J. C. Hoyt.

Further welcome help has been offered by Lions International, Auckland, who have instituted a collection project on behalf of the Museum, and by the Education Department, which has authorised the expenditure of £507 on much-needed equipment and material for the School Service.

The Museum

Visitors and the public not infrequently enquire about the new exhibition halls; progress with these is inevitably a matter of finance. The welcome gift by the Sir John Logan Campbell

Trust already acknowledged, is enabling a new Fish and Whale Hall to be set up, and Dr. Powell's report describes the progress already made. Halls of Botany and Forestry and of Ornithology are next on the list; for the latter, the Trustees have recently made a further generous grant of £2,000.

On the general, surprisingly wide activities of the Museum, members will find much of interest to read in the separate staff reports. That the staff have been able to achieve so much with the limited resources available, is a tribute to their own resource and energy. We congratulate Dr. Powell on the contribution by a private donor of a fund to enable him to make overseas visits in prosecution of his notable scientific research.

Fire Protection

A fire detection and alarm system connected with the nearest fire station, has been installed at a cost of £2,208; Council has also authorised the provision of further hand extinguishers.

Considerable restoration and repair to the Main Entrance Hall skylight, and the balustrade cornice of the Hall of Memories is also being undertaken.

Conservation

The need for wider understanding of problems of conservation, introduced at the last annual meeting, has been closely followed by the Council's Conservation Committee.

The Committee has been concerned that construction of a lighthouse on the northern island of the Poor Knights group will inevitably affect the unique plant and bird life; we have had useful correspondence on the matter with the Minister of Marine.

Problems near the city being examined are the preservation of our volcanic cones and the protection of the native bush in the Titirangi area from the results of too close subdivision. The Auckland Institute's interest in the Waitakeres has been continuous over many years; it will be remembered that a study of the Titirangi forest was one of Cheeseman's earliest researches. A lecture on conservation in general suggested by the committee, and a lecture on volcanic cones arranged by the Institute Committee will be given during the coming year.

We have invited the Royal N.Z. Institute of Horticulture to consider with us our view that the Loder Cup award should be supplemented by recognition to be given to local work on conservation on the lines of the American Motors Conservation Awards.

In the wider, national field the Committee has closely studied

the draft Nature Conservation Council Bill. We are of the opinion that a dominion wide conference should be held as a first step towards the formation of a national organisation or society to foster interest in and the examination of conservation and related matters. The New Zealand Forest and Bird Protection Society has been invited to consider this proposal with us.

JOHN SEABROOK.



Chairman of the Trust Board

Except for reinvestment of table mortgage repayments and life members subscriptions in 5% Government Stock (£1,500), investment re-arrangements have been negligible. On the other hand repairs to properties of the Vaile Endowment costing £863 have required much attention.

Satisfactory arrangements have been made in respect to the disposal of shop and house property standing on the route of a city motorway, and small sections at Reporoa have been sold.

Endowments and Reserves now total £110,404 represented by Investments £73,499, properties £27,489 and savings bank and other bank deposits £9,416.

The average return on investments has been 4%; re-investments made since the accounts closed of a considerable sum in Local Body debentures and government stock will bring our average nearer towards ruling rates of interest.

The investment monies are soundly placed in Government Stock, local body Debentures and on first mortgage.

KENNETH B. MYERS.



Director

The Institute

The following record of the 1961 syllabus will be a reminder of the very interesting lectures we enjoyed; members will wish to join with the Council in appreciative thanks to our lecturers. Professor R. N. Brothers, Ph.D., D.I.C., F.G.S.: "A Geologist in Iceland"; Mr. G. W. Ardley, B.A., M.Sc., F.Inst.P.: "Science

and the Humanities: towards their better understanding"; Mr. A. L. Poole, M.Sc., B.For.Sc.: "Pursuit of Forest Policy"; Professor D. R. Llewellyn, D.Sc., D.Phil., F.N.Z.I.C., F.R.I.C.: "Some Applications of Radio-Active Traces"; Professor S. Musgrove, M.A., D.Phil.: "Robert Graves: Poet and Novelist". Professor R. E. F. Matthews arranged a conversazione with displays and demonstrations of "Current Research in Auckland". The Annual British Medical Association lecture was given by Dr. J. D. Sinclair, M.R.A.C.P., on "Respiration in Men and Animals".

Sunday Lectures

The Museum Sunday afternoon lectures continue to be well supported; indeed they are always enquired for long before they are due to commence. We are indebted to the lecturers whose popular presentation of scientific subjects gives our visitors so much enjoyment.

The Syllabus: Mr. D. N. B. Skinner, B.Sc.: "A Year in the Antarctic with the 1960-61 New Zealand Geological Survey"; Mr. R. G. Cowlin, M.A. (Cantab.): "Death and Burial in Ancient Egypt"; Mr. V. F. Fisher, M.A.: "Goldie's Maori Portraits"; Mr. R. B. Sibson, M.A.: "Ancient Rome"; Dr. Gilbert Archey, C.B.E.: "Maori Art".

We must perforce still make-do with an improvised lecture room, and I foresee a difficulty ahead when the progress of setting-up new exhibition halls calls upon this space for its allotted purpose of displaying insects and small marine life. Even now it is unsatisfactory as a lecture room and each Sunday afternoon demonstrates the need for an auditorium.

Special Exhibitions

The special exhibitions hall is proving almost too small; at least the displays are tending to extend into the adjacent wide corridor; or could it be that no size of hall will contain enthusiasm?

For the Museum's part in the Auckland Festival we made a first display of the period furniture that Mr. Ralph Edwards, C.B.E., formerly Keeper of the Department of Furniture in the Victoria and Albert Museum has been purchasing for us. Arrangement and decoration were designed by Mrs. Brookes, who with Mr. Bayliss organised the exhibition. With hangings, carpets and pictures kindly lent by Messrs John Court Ltd., the King Carpet Company and the Art Gallery, and with pieces of the quality chosen by Mr. Edwards, a notable display was presented and aroused much interest and attention. The exhibition was opened

by Mr. C. Reginald Ford who spoke of the importance as standards for judgement of the pieces being acquired by the Museum.

A second major exhibition organised and arranged by Mrs. Brookes and Mr. Bayliss was "Fishing: Primitive and Modern", which ran through the Christmas holiday period. An accompanying display was of books on fishes and fishing arranged by Miss Jeanne Goulding. In November an exhibition of ornaments, fabrics and musical instruments brought from Tibet and Nepal by Sir Edmund and Lady Hillary was happily introduced by a talk and demonstration by Lady Hillary with some assistance from her husband.

Three 'invitation' exhibitions were the second school pupils science exhibition, even more successful than the first, organised by the Auckland Science Teachers' Association; an exhibition of ship models and pictures by the Maritime Society, and the Auckland Studio Potters' Exhibition. These would be welcome annual exhibitions, but, alas, there can hardly be room for an expanding science exhibition when we commence work on the Hall of Ornithology. Here again, the Auditorium, if we had it, could meet the situation.

Exhibition Halls

The clearing of temporary store-rooms from main exhibition halls was finally accomplished before Christmas. A new Fishes and Whales Hall, its installation designed and supervised by Dr. Powell, will be open within a few months. Expansion of the Maritime Hall will shortly oust Geology and present us with the problem of finding temporary storage for the exhibited minerals and fossils. The recently announced further donation by the Sir John Logan Campbell Trust, of £2,000 towards the Hall of Ornithology, will enable that hall to be commenced; the first stages of Botany and Forestry await financial means.

Mrs. Brookes completed the mural map of Oceania with the painting of canoes proper for each island group; the provision of fluorescent lighting has been introduced into the large end-case of Chinese Art. Until we have internal lighting in every display case, the Museum will be poorly lighted in comparison with the present general standard of illumination; but at present we can afford to instal only one at a time.

Miss Evans and Mr. Hensen have collaborated in dismantling, transferring from a remote stock-room, and re-erecting with modifications a set of shelving originally from Princes Street; these have provided for a further library room. It was observed

that Mr. Hensen early found it necessary to use a quick-drying paint. A further useful installation is that of a two-floor store and study dock for our considerable collection of large Maori carvings.

Research and Publications

Dr. Powell's present major research project is referred to in his own report. In addition papers are in preparation for publication in entomology (Mr. J. C. Watt), in fossil botany (Dr. Lucy Cranwell Smith), and Maori Art (the Director).

Mr. Brooker and Dr. Cooper have contributed an important new handbook, "New Zealand Medicinal Plants", for which a second edition has already been ordered. A 7th printing of 25,000 copies of Dr. Powell's "Native Animals of New Zealand" has been delivered. A second edition of the writer's "Sculpture and Design", handbook of Maori art, is also on issue. The 5th issue of the Newsletter has been widely distributed, and an outline directory, with floor-plans, for the display halls has also been issued.

Lectures within the Museum and to outside organisations continue to be given by the staff, i.e. Miss Evans, 2; Dr. Powell, 12; Mr. Fisher, 12; Dr. Cooper, 8; and the Director, 8.

Equipment

An outstanding addition to library equipment is the Micro-film reader generously presented by the President. It is the latest model and most efficient in operation; the excellent reading service it gives to members will be accompanied by the further advantage in that it will encourage the building up in micro-film of publications which, because of their rarity or cost, are otherwise beyond our means.

Other equipment acquired include two microscopes, one each for botany and entomology; two large bird store cabinets which, together with twelve new cases for the school loan displays, were constructed in the workshop.

The Building

Maintenance of the building is an increasing responsibility. Mr. Stewart and Mr. McGuinness have done constant maintenance on the bitumen roof; the repair of leaks in the entrance hall skylight are proving a major and difficult task. The windows receive an annual mechanical overhaul. Mr. Hensen and Mr. Stewart maintain a watchful care for the condition of the building.

The Collections

Three important additions to the Maritime Section are an excellent model of H.M.S. Lord Nelson, deposited in the Museum on behalf of Royal New Zealand Navy by Commodore, Auckland, a large model sailing ship presented by Sir Ernest Davis and an unusually well made 'sailors model' of the sailing ship "Lyttelton" given by Mr. W. R. Alexander.

Service Commemorations

We continue to co-operate with the R.S.A. and the Australian Imperial Forces Ex-Servicemen's Association in the Anzac Day Ceremonies and with others on such occasions as the Battle of Britain Day, the American Services commemoration, the Coral Sea Commemoration and Remembrance Sunday.

GILBERT ARCHEY.

Anthropology and Maori Race Section

The membership of the Section is 76. Well attended meetings of the Section throughout the year showed the growing interest in Anthropology and the balanced programme of lectures gave members an insight into the research work being undertaken amongst the indigenous peoples of Polynesia and New Guinea.

The following lectures were given: Dr. B. G. Biggs, "The Pygmy People of New Guinea"; Mr. E. Schwimmer, "Religion in a Modern Maori Village"; Mr. R. Nayacakalou, "Urbanisation in Fiji"; Dr. Joan Metge, "Descent Groups in the 20th Century, the Anomalous Maori Hapu"; Miss Mary Martin, "Maori Musical Instruments"; Mr. John Harre, "A Background to New Zealand Race Relations"; Dr. W. Anthony, "Feral Children"; Dr. Gilbert Archey, "Art in Polynesia. The Influence of the Community, the Contribution of the Artist".

The Field Trip in May was held at Piha on the West Coast where, under the leadership of Mr. J. T. Diamond, the members were shown the various types of pa settlement sites typical of the Waitakere Ranges.

Officers: Patron, Mr. Jack Golson; Chairman, Dr. R. Bulmer; Hon. Secretary and Treasurer, Mr. J. T. Diamond.

Astronomical Section

We have a fairly large membership but fewer attend our meetings than we could wish, particularly for the first class programme of lectures we enjoyed. The Junior Night is a feature of which we are proud; under the leadership of John Northey several junior members contributed papers showing considerable observation and thought.

Unfavourable weather conditions prevented our holding the field nights for combined observation and discussion that always make an enjoyable and instructive evening.

John Orr has given considerable time and thought to improving the design and content of our journal which under a new name "Journal of the Auckland Astronomical Society" has become an informative and attractive record of our work. The monthly Bulletin with its notes on the planets keeps members informed on their movements and encourages observation by members possessing telescopes.

Heartening progress with the establishment of the observatory is reported. Plans, financial and architectural, have been explained by Mr. L. D. Nathan, Chairman of the Trustees and Mr. Thorpe, Architect, who exhibited a model of the proposed building to be erected in Cornwall Park Domain. The instrument it will house is to be a 20 inch Zeiss reflector with accessories.

We hope in future to promote co-operation with our sister societies, the Auckland Amateur Telescope Makers' Club and the New Lynn Observing Society. A. S. Partridge, President; L. R. H. Beaumont, Hon. Secretary.

Conchology Section

This year marks two milestones in the club's history. It is ten years since we became a Section of the Auckland Institute and Museum, and thirty years since the Conchology Club was founded by Dr. Powell. To commemorate these events a Symposium which is planned to take place next Labour Weekend is meeting with enthusiastic response.

Monthly meetings continue to show increasing membership which averages about 43 per meeting while the roll contains at present some 155 financial members including one in the U.S.A. and another in the New Hebrides. Another American has recently applied for membership. A pleasing feature of meetings, and field days which are also becoming more popular, is the ever-increasing number of junior collectors who are being carefully fostered by the older and more experienced members.

The Annual Bulletin No. 17 appeared last January. It contains thirteen original papers by members plus the roll of members and has been very well received, both in N.Z. and overseas.

President of the Section is Mr. T. P. Warren and the Secretary is Mrs. L. Seager.

Maritime Section

At the end of the current year the strength of the Maritime Section of the Institute has increased to 160 and a steady flow of applicants for membership is being experienced. During the year as an experiment several meetings were held in the Navy League rooms in Queen Street, as a number of our members were having difficulty in attending meetings at the Museum due to transport problems. As the experiment proved a success meetings will continue to be held in these rooms.

The highlight of the year's activities was a visit to the "Dominion Monarch" prior to her withdrawal. Other features were a visit to H.M.N.Z.S. "Otago" — our first to a naval vessel — and an address on elementary navigation by Mr. R. A. MacIntosh in the Planetarium. An exhibition in the Museum and lectures by several members who had recently had overseas trips added to a very successful year's activities.

Throughout the year we have again had the ready assistance and co-operation of Dr. Archey and his staff and to them we would offer our grateful thanks.



Assistant Director

Despite having had rather too many irons in the fire, the past year has been a very satisfactory one.

A monetary grant from the Sir John Logan Campbell Trust enabled the work of setting up the New Fish and Whale Hall to be commenced, and at the time of writing the specially designed cases are completed, the ceiling, walls and new cases painted, and all of the large fish casts formerly distributed in several places in the Museum have been brought together on the walls of the New Hall. Thanks are due to Messrs George Brown and John Day for their excellent construction and finish of the cases, to Messrs J. R. Webb and Son Ltd. for the quality of the painting work and to the workmen of Messrs J. B. O'Loughlen and Co. Ltd. for their efficient handling of the difficult task of moving and setting up the heavy, bulky yet fragile fish casts. For working out practical details and efficient supervision of the whole project my thanks are due to Mr. R. C. H. Hensen of the Museum staff. It is expected that the New Hall may be completed and open to the public by September.

AIM Ann Report 1961 to 1962

Over three months of the year were spent overseas, firstly in attendance at the tenth Pacific Science Congress at Honolulu and then on a research project at several United States museums. At the Science Congress my duties as Chairman for the Standing Committee on Zoology terminated with the presentation of an extensive report dealing with research completed and in preparation, relevant to the countries bordering the Pacific. In addition a further extensive report, relating to forty years research work in zoology for the Pacific, was compiled and submitted, under Marine Sciences, for which I was a Standing Committee Member. Two other contributions to the Congress, were a paper delivered under Zoology entitled "Land Snail Faunules on Small Islands off the New Zealand Coast", and services as convenor of the section on Malacology.

After a fortnight at Honolulu almost three months were very fully occupied in working on collections and in libraries mostly in the eastern United States, where the time was spent almost entirely on a research project concerned with the monographing of the molluscan family *Turridae*. This research, it is hoped will eventually extend to an evaluation of the *Turridae* of the world which includes, with the fossils, about 10,000 named species. The present project involves (1) The classification of the Family for the Treatise on Invertebrate Paleontology", Kansas University and Geological Society of America; (2) The Turrids of the Indian and Pacific Oceans for "Indo-Pacific Mollusca" to be published by the Academy of Natural Sciences, Philadelphia; and (3) An Evaluated Catalogue of the Turridae of the world, Recent and Fossil. At all the American Museums visited every effort was made to facilitate the research which extended to leave to borrow on extended loan, and even to the payment of a salary in the case of the United States National Museum where it was considered that the work I was doing on my own account was of equal benefit to them.

I am much indebted to the Museum Council for sponsoring my attendance at the tenth Congress and to my friend in New York, Mr. Dixon Stroud who provided a fund of six thousand dollars for the turrid project. Sufficient of this grant remains to allow further work on type material by visits to the Australian Museum, Sydney, in May and to museums in Britain, Europe and the United States, later this year.

Twelve outside lectures were given, including one on the Postage Stamps of the Philippines to the Wellesley Philatelic Society and three in the United States, one to the Science Forum, Philadelphia and the other two to conchology clubs at Philadelphia and Boston.

A visiting scientist, Dr. Alan Solem of the Chicago Natural History Museum, worked in my department for three weeks in January on the Endodont land snails of the Pacific, and three other visiting American conchologists Mrs. R. Ostheimer, Philadelphia and M. Miller and R. Foster from Academy of Natural Sciences, New York, and Museum of Comparative Zoology, Harvard, respectively, also referred to the collections.

A chapter for a new book on Antarctic Biogeography to be published by Messrs Junk of The Hague has been completed as well as several articles for the New Zealand Government Encyclopaedia.

A case featuring recent accessions in ship models was added to the growing display of such in the Hall of Geology which will eventually be made over entirely to Maritime exhibits when the present geology displays can be moved to another hall.

The collections continue to be enriched by new molluscan material obtained both by gift from the Academy of Natural Sciences of Philadelphia or by exchange with other museums and private collectors.

The Ayre collection of postage stamps is being kept up to date with the addition of new Commonwealth issues provided by a fund bequeathed by the late Mr. L. J. Ayre.

The Conchology Section continues to have well attended meetings at the Museum and a number of very successful field days have been held.

A. W. B. POWELL.



Ethnologist

Throughout the period 723 specimens were added to the collections. Of special interest were the following: Polar kit presented by Sir Edmund Hillary; a select collection of Solomon Island material presented by Mr. G. V. Binet; a large Maori stone fish hook shank, presented by the Low family; a collection of historical material and bygones brought together by Edouard Eugene Cafler and presented by Mr. F. Haigh; and the dress uniform as worn by a Captain of Her Majesty's Indian Navy presented by Mr. D. N. Campbell.

During the first half of the year a good deal of time was spent moving the remainder of the reserve collection from the

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New Zealand Bird Hall to the eastern wing of the new building. This included Melanesian, Micronesian and non-Pacific material. Following this move a good deal of resorting and checking was necessary. Virtually the whole of the 160 panels containing the reserve collections are now filled, though some tidying up still remains to be done.

In connection with the proposed Local Body Bill fourteen local bodies were visited accompanied in all but one instance by a Council member. In the aggregate this took up a good deal of time travelling to and fro and marshalling the facts.

Twelve lectures have been given, and several groups shown through the Maori Court. A lecture on "Goldie's Maori portraits" was given in the Sunday afternoon series, and a lecture to the Otago Anthropological Society, while visiting Dunedin. Both the Canterbury and Dunedin Teachers' Colleges provided student groups which were piloted over One Tree Hill in order to explain the Maori history and defensive system of the area.

An article on "Dwelling sites or storepits" was published in the Newsletter of the N.Z. Archaeological Association, and six articles on anthropological topics published in the Auckland Star. The three day conference of A.G.M.A.N.Z. was attended in Dunedin, and a paper offered at a discussion on the school case system. Thirty-one Girl Guides were examined for the Maori Badge and three for the Woodman's Badge.

The Department has had visits from a number of overseas scientists, two of whom, Dr. K. E. Larsson of the Ethnographical Museum, Gothenburg, and Dr. Paul Wingert, of Columbia University have spent some time working on the collections. Numerous local societies and individuals have been helped with advice on a variety of topics.

As a member of the Council of the Art Galleries and Museums Association and as a member of the National Historic Places Trust, meetings in Wellington have been attended as and when required. At the request of the Conservation Committee of the Museum a place on the Committee was accepted.

Educational and cultural societies continue to borrow material, and these included the prehistory department of the University, Ardmore Teachers' College and the Boy Scout Association.

Commander H. A. Haynes resigned as Recorder in October after serving four years with the department. During the greater part of the time he assisted with the packing and moving of the collections, a task at which he worked very ably. In addition he

carried out the routine registration of new accessions. Acknowledgement and tribute are made to his keen and efficient service; we wish him well in retirement.

Mrs. E. Warneford who for some time had carried out honorary work had taken up the duties of Recorder. Valuable honorary assistance has been given during part of the year by Miss B. Richardson.

V. F. FISHER.



Botanist

Miss J. Livingstone presented her pen and wash drawings of epiphytes and Mr. R. S. Lediard gave several kodachromes to the collection of flower and plant illustrations in the Botany Department. Mr. E. D. Hatch presented further orchids to the herbarium and completed an index of the manuscript *Flora* by Banks and Solander. Messrs G. L. Zinzan and F. M. Warren presented dried specimens from Great Barrier Island.

Mrs. P. Hynes has continued to give a day each week to herbarium work and has added many new collections, particularly from North-West Nelson. Plant specimens have been sent, in continuation of exchanges, to the British Museum (Natural History), Kew Herbarium, Harvard Herbarium, University of California, U.S. Museum of Natural History and Botanical Museum, Utrecht. About 500 duplicate specimens were sent in 1961 and thanks are due to Mrs. Hynes for adding most of the original specimens to the Herbarium and preparing the duplicates.

We have continued to assist Dr. B. F. Cain, Research Unit, British Empire Cancer Campaign Society, and Dr. R. C. Cambie, Chemistry Department, University of Auckland, with the collection of native plants for testing. Material has also been sent to the research section of C.I.B.A. For this kind of work, many of our reference specimens need checking and renaming in accordance with the new *Flora of New Zealand*. Until we have more staff however we cannot cope with the backlog of identification work. During the year we have treated part of the collection with insecticide, but the herbarium has grown to more than 100,000 specimens, and further fumigation is needed.

My fieldwork has been limited to a brief collecting trip in November 1961, to Whangarei, with Dr. Ronald Melville of the Royal Botanic Gardens, Kew, and Miss Lucy Moore of the Botany

Division, D.S.I.R., Lincoln, and to summer holidays in the Coromandel Peninsula. Mrs. Hynes accompanied Dr. Melville and Miss Moore to Kaitaia, and made brief collecting trips to a number of other localities.

I gave eight lectures to kindred societies, and attended meetings of the Museum Conservation Committee, Auckland Centennial Park Board and North Shore Scenic Board. In April 1961 I visited Dunedin for the Biennial Conference of the Art Galleries and Museums Association, and in September 1961 I attended the opening of the Taranaki Museum. The opportunity to see new displays in other centres was much appreciated, as it will be necessary to provide new exhibits for the Cheeseman Hall of Natural History. At present, Miss J. Goulding is checking the text and specimens of existing and proposed displays. After the fish exhibits have been removed from the hall, it will need replastering, repainting and further lighting before the new botany displays are installed. Improved lighting would be a help at night for setting up the Cheeseman Show. The estimated cost of renovations to the hall is £1,100 and funds for this will be very welcome.

The 21st Cheeseman Memorial Show of Native Plants was held from Saturday 23rd to Tuesday 26th September, 1961. The Show featured name changes resulting from the new *Flora of New Zealand*, and paid tribute to the work of Mr. T. F. Cheeseman and his contemporaries. Conservation was an additional theme, and I am indebted to the following for these displays: Dr. J. T. Salmon of Victoria University of Wellington (Heritage Destroyed), the Lower Northland Farm Forestry Association (Native Trees for the Farm), Soil Conservation Service, Department of Agriculture (Conservation on Farmland), the N.Z. Forest Service (Kauri Research and Development), Mr. and Mrs. J. H. Holt (Opossum damage) and the Tree Society (Native Trees for the Seaside Garden). I am also indebted to Messrs T. J. Bayliss and A. R. Hughes and Misses J. Goulding and N. Bamford for arranging a record 350 entries in the Children's Section, to members of the Institute and Botanical Society who gave books and money for prizes and to members of the Museum staff, Mt. Albert Research Station and University who judged the children's entries. Thanks are due also to the following societies and individuals for providing exhibits in the Show:—

Historical: Cheeseman and his Contemporaries (Institute and Museum Library); Auckland's Buried Flora (Professor Searle); Gumdigging (Auckland Natural History Club); New Zealand Bookplates (Library Collection: Miss J. Goulding).

Flower Arrangements: Auckland Botanical Society; Catholic Women's League; Lyceum Club; Titirangi Beautifying Society; Mr. John Otto, Manurewa and Miss K. Wood, organizer.

Dye Plants and their Colours: Mrs. O. Barr.

Native Plant Communities: Northland (Forest and Bird Protection Society, Whangarei, and Royal N.Z. Institute of Horticulture, Whangarei); the Waitakeres (City Council — Ian Maclaren, Staff Photographer); Coastal Plants and Birds (Forest and Bird Society, Auckland); the Gumland (Auckland Natural History Club); Hobson Bay (Auckland Botanical Society, Junior Section); Alpine (Drawings, Miss Nancy Adams); Epiphytes (Drawings, Miss Jean Livingstone); Water Plants (Auckland Botanical Society).

Identifications: Grasses, Sedges and Rushes (Mrs. M. Ringer); Orchids (Mr. E. D. Hatch); Recent Name Changes (The Botanical Society: Mr. Lediard); Conifers (Botanical Society); Ferns (Miss M. Crookes); Lichens, Mosses and Liverworts (Mr. K. W. Allison and Mrs. E. A. Hodgson); Fungi (Mount Albert Research Station: Miss J. Dingley); and Hybrids (Mr. A. Farnell).

The botanical interest of the Show was enhanced by the fine display of plants prepared by the Whangarei Branch of the Forest and Bird Protection Society and the Whangarei Horticultural Council, organised by Mrs. K. Reynolds. It is a great pleasure to have visitors from Whangarei and Hamilton at the Show each year.

I must add my personal thanks to members of the Museum staff for their help with the Show arrangements, and mention the work of Mrs. Brookes, whose attractive plans and sketches were of great assistance to those taking part in the Show for the first time.

ROBERT COOPER.



Librarian

The library has been greatly enriched this year not only by the addition of many books by purchase, but also by a number of interesting and valuable gifts. Of the 1,290 books that have been added, 805 were acquired by donation. We appreciate very much the generosity of so many members and others, and regret that we

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can make individual mention of only a few of the many gifts we have received.

By bequest, we received from the late Mr. H. D. Buddle over 600 books, many of them New Zealand books, and all in excellent condition; from the estate of the late Mrs. Blanche Halcombe of New Plymouth we received New Zealand books, and drawings and paintings by William Swainson; from the estate of the late Mr. E. G. M. Parker we received a collection of books on various subjects.

Mr. F. Haigh of Whangarei donated a large collection of letters, documents, photographs and newspapers belonging to the Cafler family, who were among the earliest settlers in Whangarei; letters and papers belonging to Luke Natrass were donated by his grandson, Mr. H. D. Natrass, and these include useful material on the treating and manufacture of New Zealand flax; two diaries of Elizabeth Colenso, written in Norfolk Island, were given by Mr. Selwyn Simcox of Horowhenua; the Minutes of the Parnell Shakespeare Club (1888-1938) were given by Miss E. Grant; the material collected in the preparation of the booklet on the Kaiwaka Centennial was received from the Kaiwaka Centennial Association; and 57 sketch books of the artist, Kenneth Watkins, were donated by his son Mr. Allan Watkins.

A very important acquisition was the collection of papers of Henry Williams and other members of the Williams family, which has been deposited in the library by Henry Williams's grandson, Mr. Algar Williams of Christchurch. We received a considerable amount of material some years ago, and now the rest of the material which has been in Mr. Williams's possession, has been placed here. The whole collection consists of letters to and from Henry and William Williams (approximately 1,000), drawings and paintings by Henry Williams, Octavius Hadfield and William Colenso; books and pamphlets relating to the mission, and 15 volumes of newspaper clippings. The papers have been carefully sorted and listed by Mr. Williams, who has performed a valuable service to research by collecting and preserving all this material.

Some further material relating to Sir John Logan Campbell and Cornwall Park has been received from the Cornwall Park Trust. It includes an autobiography in manuscript by Campbell, giving an account of his life up to 1907. There are also a number of photographs, and a portrait of him by the Auckland artist L. J. Steele. We have also received the desk which Campbell used, and this is being housed in the library.

Thirty-eight rolls of microfilm were received on indefinite loan from the National Archives. These microfilms are of the early

passenger lists held by the National Archives in Wellington, and are a most valuable record.

One of the most welcome gifts we have this year received was that of a microfilm reader, kindly presented to us by our President, Mr. John Seabrook. The lack of a reader has been a serious one, and it is with very real gratitude that we record this most generous gift.

In April, we received from Mrs. Enid Roberts o. Levin a collection of material about New Zealand women, containing biographies of varying length and detail of several hundred New Zealand women, and information on over 50 women's organizations. Mrs. Roberts has been collecting this material for some years, and handed it over to this library with the idea that it should be developed into a research collection on New Zealand women, to be known as the "Women's Archives". At present, a number of women in different parts of New Zealand are gathering information on their particular district, and a committee of members of the National Council of Women meets in the library once a month to work on the collection. I would like to express my gratitude to all these women, and particularly to Mrs. L. W. Holt who has organized the local committee.

It is with regret that we record the death of Mr. Gordon Williams of Mount Maunganui, who has for several years given valuable service to the library by making typed copies of many of our original letters and diaries. This is a most important work, and all that Mr. Williams has done has been greatly appreciated.

Borrowings of books and periodicals have increased considerably — 4,681 items were borrowed by members, and 387 by other libraries on interloan; 2,766 people used the library for borrowing or reference.

Wooden shelving from store rooms in the old building has been taken down and re-erected in suitable form by Mr. George Brown. This has given us 930 feet of shelving for the storage of books not in general use.

I wish to thank Miss Jeanne Goulding for the voluntary help she has given during the year. For several years she has been working on the bookplate collection, and this year she has been responsible for two displays, one of letters of prominent people, and the other of books on fishing.

In addition to the gifts mentioned above, we acknowledge with thanks donations from the following persons:—Lady Elliot, Colonel T. Durrant, Dr. B. Biggs, Dr. de Courcy, Dr. J. L. New-

man, Dr. A. W. B. Powell, Rev. Canon R. Godfrey, Messrs T. Alexander, P. M. Allingham, R. D. Baker, S. G. Brooker, D. N. Campbell, J. Craddock, J. Diamond, A. A. Dignan, G. F. Dunlop, B. J. Dunsheath, C. R. Ford, G. M. Fowlds, J. E. Gray, R. F. Keam, T. G. Kissling, F. E. Langton, G. Lennard, A. D. Mead, G. D. Moon, W. W. Murray, W. Nops, A. T. Pycroft, J. Roger, H. Roth, R. B. Sibson, R. Skeates, W. A. Skerritt, H. H. Small, H. W. Smith, J. Stewart, W. Swears, B. Watanabe, Mesdames Allhusen, B. Brookes, L. Coughlan, W. W. Dove, J. Foulds, W. G. Owen, Parker, E. Spragg, O. M. Townsend, T. C. Thomson, G. R. Webster, Misses N. Bamford, D. Featherstone, E. Grant, J. Goulding, T. Wilson.

ENID A. EVANS,
Librarian.



Extension Service

It might be useful at this stage of the development of the Extension Service to summarise the various services it provides for the province and the places it is operating in at the present time. The standard displays, 5 ft. x 4 ft. x 1 ft., form the major part of the service. Thirty-five of these displays are housed in cases in public buildings throughout the province. Two are in High Schools, five are in County Council public offices, seven are in local museums, two in the Taupo information centre and the remainder in Public Libraries.

During the year material from the collection has been lent to Whangarei to augment its own collection. This is a service of which smaller towns wishing to start a local museum are becoming more aware and anxious to take advantage. Collections of photographic prints are on constant loan to libraries throughout the province. Special displays were staged at Matamata and Putaruru shows.

This year the service has continued to expand. New displays have been installed at Whakatane (two), Waihi, Dargaville Museum and Helensville.

An exhibition of Primitive and Modern Fishing was held during the Christmas holidays. Apart from a certain reluctance on the part of the live fish to remain in that condition, it was a successful show.

Mrs. Brookes, whose work on the displays and on the exhibitions held, was as always invaluable, in addition made display cards for the Dargaville Museum.

The Auckland Studio Potters held their first annual exhibition in the Museum. It was extremely well attended and, the general display attracted favourable comments.

T. J. BAYLISS.



Planetarium Lecturer

The continued popularity of the Planetarium as a means of instruction and entertainment is reflected by the attendances during the year, which totalled 43,256, 37,750 attending the public lectures and 5,506 children in school groups. The attendance in the preceding year was 54,804. The slight decline this year arose mainly in the winter; during the past four months attendances have been more than 10 per cent above the figures for the previous year. It appears that after two and a half years of operation the attendances have settled down to a steady level. Since the Planetarium opened in October, 1959, 133,304 persons have visited it. There can be no doubt that it remains a centre of interest to visitors from other parts of the Dominion. During the Christmas vacation period, 9,541 attended lectures, an increase of 574 over the preceding summer vacation figures.

The policy has been to create demonstrations which use the resources of the instrument to their full capacity, presenting continuous motion to the eye. Apart from the regular demonstrations, the planetarium has a graduated series of lectures for various standards and forms. Where classes have received special instruction before their visit, lectures are given to illustrate what the children have already learned.

Such lectures are by no means confined to city schools. Practically every town in the province is represented by at least one class during the year and special visits have been made by school groups from places as distant as Kaitaia, Whangarei, Gisborne, Taumarunui, Taranaki and Hawkes Bay.

The value of what children see and learn in the planetarium can be enhanced in the classrooms if the teachers themselves have some knowledge of astronomy. Consequently, the greatest emphasis is placed on special demonstrations and discussions with teachers and student teachers. With the valued co-operation of lecturers at Auckland and Ardmore Teachers Colleges, large groups of future science teachers now pay regular visits for 2½-hour demonstrations and discussions. The Catholic teachers college, Loretto Hall, also sends its students for instruction.

Other groups are catered for by special demonstrations. Among those attending during the year were school astronomy clubs, the Kings College A.T.C., pupils of the Auckland Navigation School and members of the Adult Education astronomy course.

We are grateful to Mr. C. C. Roberts, officer for science education, for his enthusiastic co-operation throughout the year. Mr. Roberts always ensures that a visit to the Planetarium forms part of the refresher course for science teachers and this year the visit was followed in the evening by several hours at the writer's large telescope viewing objects that had been studied in the Planetarium.

The versatility of the instrument is evident in the variety of special groups which visit it. During the year under review these have included partially-sighted children from the Blind Institute, deaf children, psychiatric patients, spastics and many troops of Scouts and Guides.

Special lectures and demonstrations on navigation were given to a reunion of former airmen and to the Maritime Club, on radio astronomy to the Very High Frequency Group and on star photography to a camera club.

During the year Mr. R. Griffiths, education officer at the Canterbury Museum and in charge of the Christchurch Planetarium, spent a week in the Auckland Planetarium during which he gave several lectures to school groups. The interchange of ideas and the study of different methods was of great value to both parties.

The writer must acknowledge the enthusiasm and assistance of the Education Officer, Mr. R. A. Scobie, and his assistants. Their willing co-operation has done much to place the Planetarium in its present position.

Two research papers were published during the year, "Recent Behaviour of the Red Spot on Jupiter" in "Southern Stars," vol. 19, page 71, and "Features of the Lunar Crater Aristarchus", in Journ. Br. Ast. Assn., vol. 71, pp. 380-388.

R. A. McINTOSH.



School Service

Summary of services for the year ended 31st December, 1961.
Attendances for one-hour lessons:

| Primary | Intermediate | Post-Primary | Total |
|--|--------------|-----------------|--------|
| 25,693 | 2,519 | 2,430 | 30,642 |
| Student Teachers on Section | | | 117 |
| Number in Visiting Student Teacher Classes | | | 885 |
| Schools receiving loan material: | | | |
| | City: 75 | Provincial: 346 | 421 |

Planetarium: This department provided the organisation for many school visits.

This has been a most difficult year. With a staff one short for the whole year and two for most of the year, out of a total establishment of four, the main task has been to keep the department functioning. The burden has fallen heavily on the remaining members. Even without staffing difficulties, the lack of proper facilities for working with the children and the student-teachers would have made it a hard year.

Despite these circumstances, all the basic services to the schools were maintained. To its credit the reduced staff managed to teach some 30,000 children, to avoid a cut in the loan service to some 420 schools and to keep faith with the training of 117 students. It was not able to do much planning or forward preparation, though a certain amount of consolidation has been made. It welcomes the pilot scheme of the Hamilton Teachers' College in determining the practicability of its students using the Museum. It is encouraged by the Government grant of £507 towards equipping the new quarters for pupils and students. It appreciates the gesture of the members and senior staff of the Auckland Education Board in visiting the Museum and values their support.

R. A. SCOBIE.



Associate Entomologist

Work in the department has continued on a part-time basis. A good stereoscopic microscope and spotlight were purchased in 1961, and these have facilitated identifications and the sorting of collections. The task of integrating the several collections of New Zealand beetles and their arrangement in systematic order has continued, although time has not been available to check specific identifications. My wife has assisted me with this work and has also undertaken such routine tasks as fumigation of the collections, the transfer of foreign insects from unsatisfactory containers into

airtight storeboxes, and mounting or otherwise preserving insects and other invertebrates donated to the Museum.

The large collection of New Zealand weevils is being studied by Dr. G. Kuschel, at present working at Entomology Division, D.S.I.R. The weevils hitherto have been one of the most difficult families of New Zealand insects to identify to species level, and are of considerable systematic, ecological and economic importance.

Thanks are due to Dr. E. B. Britton (British Museum, Natural History), Dr. Aola M. Richards (University of New South Wales), Dr. R. A. Harrison (Lincoln College), Dr. Beverley A. Holloway (Dominion Museum) and Mrs. Brenda M. May (Plant Diseases Division, D.S.I.R.) for identifications. Dr. R. R. Forster (Otago Museum) is at present studying and identifying our collection of spiders and Mr. B. B. Given (Entomology Division, D.S.I.R.) is identifying our Melolonthine scarab beetles. The assistance of members of the Auckland Section of the Entomological Society of New Zealand with fumigation is gratefully acknowledged.

Many insects and other animals have been received during the year for identification. Donations of these specimens to the Museum are acknowledged with thanks. Examples of invertebrates other than insects ranged from turbellarian flatworms to pseudo-scorpions and spiders.

A number of insects collected near Auckland by my wife and myself have been placed in the collections.

J. C. WATT.

List of Benefactions
made to the
Auckland Institute and Museum
of an amount (or value) exceeding £50.

MONETARY GIFTS.

- 1876 Auckland Citizens: £2,026 subscribed towards first building.
1878 Mr. J. C. Firth donated £106 for show cases.
1884 Mr. Edw. Costley bequeathed £12,150.
1887 Mr. David Nathan bequeathed £100.
1897 Mr. T. Russell donated £100 for geological specimens.
1901 Auckland Citizens subscribed £1,000 for Mair Collection.
1902 Mr. E. A. Mackechnie bequeathed £2,500.
1906 Auckland Citizens subscribed £662 for carved houses.
1911 Auckland Citizens subscribed £684 for ancient carvings.
1913 Sir John Logan Campbell bequeathed £1,000.
1921 Institute Members subscribed £115 for Temple Bronzes.
1923 Sir Wm. H. Herries bequeathed £1,000.
1924 Citizens subscribed £698 for Maori collections.
1925 Institute Members subscribed £100 for Maori collection.
1926 Sir James Gunson Presentation Committee presented £118 for Maori collection. Mr. David Goldie bequeathed £1,000.
1927 Mr. F. Shaw bequeathed £1,000.
1929 Mr. S. J. Ambury bequeathed £250.
1934 Mrs. R. M. Wilson: £50/10/-, given to establish the Sir Edwin Mitchelson Prize Fund.
1940 Mr. Maurice Harding bequeathed £500.
1941 Mr. Ormsby Gore Adams bequeathed £100.
1942 Mr. J. A. Pond bequeathed £100 to commemorate the scientific achievements of Thomas F. Cheeseman.
1944 Mr. E. Earle Vaile gave two blocks of shops and residences worth £10,000 as an endowment for ethnological collections and books.
Mr. R. C. Horton gave £200 towards extending the mineral collection.
Sir Albert and Lady Ellis gave £150 for Library book-cases. £428 received on account of a bequest by Mr. C. V. Houghton. Mitchelson Prize Fund increased to £100.

- 1945 Mrs. Bertha Wilson gave £2,000 as an endowment for Cinematography.
Auckland Savings Bank gave £500 for improvements to Exhibition Halls.
Auckland Electric Power Board gave £100.
Mr. R. C. Horton gave £70 for purchase of Georgian Silver Tea Set.
Sir Cecil Leys and Lieutenant T. H. Leys, R.N.Z.N., gave £500 for purchase of ethnographical specimens.
- 1946 Mr. E. Earle Vaile: Gave a freehold section with a two-storey building in Queen Street worth over £30,000 as a further endowment for ethnographical collections and books.
- 1947 Auckland Savings Bank Centennial Gift of £5,000.
Mr. A. V. Hanson bequest of approximately £2,000.
- 1948 Mr. E. P. Mitchelson, bequest of £1,000.
- 1950 Mrs. Sarah Ann Powley, bequest of £171.
Sir Cecil Leys bequeathed £1,000.
- 1951 Mrs. Bertha Wilson gave £1,000 endowment for photography.
- 1952 Mr. James C. Entrican: Bequest of £1,000 for numismatics.
- 1954 Captain G. A. Humphreys-Davies: Bequest of £500.
Sir Albert Ellis, C.M.G.: Bequest of £100.
- 1956 Sir Alexander Johnstone, O.B.E., Q.C.: Bequest of £500.
Sir William Goodfellow: £100 for early English ceramics.
Sir Carrick Robertson, F.R.C.S.: Endowment of £600 for research on offshore islands.
- 1960 Auckland Savings Bank gave £500 to furnish the Cheeseman Herbarium.
A Member gave £75 towards furnishing the Herbarium.
Mr. W. B. Dixon Stroud gave £142 towards equipping and furnishing the Marine Zoology store and study rooms.
£1000 received from an Institute Member to extend popular science publications.
- 1961 Sir William Goodfellow: £250 towards purchase of van; £150 for purchase of porcelain.
Mr. L. J. Ayre: bequeathed £852.
Auckland Savings Bank gave £600 for equipping the children's hobbies room.
Mr. H. J. Atkinson: bequeathed £685.
Dr. J. A. Clinch: bequeathed £500.
Anonymous: £500 for the memorial halls.
Miss E. L. Hellaby: £100 for the memorial halls.
Institute Member: £200 for exhibition halls.
Sir James Fletcher and colleague firms: Materials for equipping hobbies' room and staff room.
- 1962 Mr. H. D. Buddle: bequeathed £1,000 and many books.
Sir John Logan Campbell Trust: £2,400 grant for display hall.
Miss E. L. Hellaby: £100 for memorial halls.
Mr. John Seabrook: £250 for micro-film reader.
Mr. W. B. Dixon Stroud: \$6,000 for Dr. Powell's molluscan research.

SPECIMENS AND BOOKS.

- 1876 Mr. R. C. Barstow: Large collection of Maori articles.
1877 Mr. G. F. Edmonston: 564 volumes of scientific works.
1878 Mr. T. Russell, C.M.G.: 34 casts from the antique.

- 1878-83 Mr. J. T. MacKelvie: 390 books and ethnology collection.
- 1887 Mr. C. O. Davis: Valuable Maori collection.
- 1901 Mr. L. D. Nathan: Japanese Shinto Shrine.
- 1913 Mr. Henry Shaw and Mr. F. Shaw: 172 scientific books. Hon. Sir Edwin Mitchelson: Valuable Kauri Gum collection.
- 1915 Dr. C. E. R. Bucknill: Collection of Old English Glass.
- 1916 Mr. Henry Shaw: Collection of Japanese art.
- 1917 Miss Ruth Northcroft: Large Maori and Polynesian Collection
- 1919 The Misses Yates: Collection of Indian weapons.
- 1920 Mr. James Dunning: Collection of North American Mammals.
- 1921 Mr. W. A. Aldred: Valuable collection of Maori specimens.
- Hon. J. B. Turner: Important Fijian ethnographical collection
- 1923 Mr. T. F. Cheeseman, F.L.S., F.N.Z.Inst.: The Cheeseman Herbarium of native and foreign plants.
- 1924 Mr. Wm. Sutherland: Melanesian ethnographical collection.
- Mr. A. C. Caughey: Fijian and New Hebridean ethnographical collection.
- Mr. R. A. Meek: Ethnographical specimens from Bismarck Group. Messrs. Samuel Vaile & Sons: Large collection of Maori greenstone articles. Sir Cecil Leys and Mrs. Selwyn Upton: The Edge-Partington ethnographical collection of over 2,000 specimens, given in memory of their father, Dr. T. W. Leys.
- 1925 Mr. F. Crossley Mappin: Valuable Maori and South Pacific exhibits
- 1926 Mr. Geo. F. Webster: Valuable Maori antiquities.
- Mr. H. R. Butcher: Collection of British coins.
- Mrs. E. M. Ball: The Thos. Ball Zoological collection.
- Mr. F. Crossley Mappin: Ancient Chinese ceramic specimens
- Mr. Hallyburton Johnstone: Silver cup presented by Queen Victoria in 1878 to the Royal George Yacht Club.
- 1927 Mr. F. Crossley Mappin: Valuable Maori carvings.
- Mr. Moss Davis: Valuable ethnographical specimens.
- 1928 Sir Cecil Leys and Mrs. Selwyn Upton: Unique and richly carved feather box.
- Mr. J. R. Adams Wilkes: Ethnographical collections from Nigeria and New Guinea.
- Mr. Harry Kinder: The Dr. Kinder Collection—Maori and Melanesian.
- Mr. E. Earle Vaile: Important collection of Maori stone carvings and collection of Eastern ethnographical specimens.
- Mrs. S. J. Lushington: Large collection of mollusca.
- 1929 Mr. T. H. Barstow: Maori canoe prows and stern posts.
- Mr. W. R. McGregor: New Ireland carved memorial figures.
- Mrs., Miss and Mr. A. N. Cooper: The Charles Cooper collection of mollusca.
- Rev. W. H. Webster: Large collection of mollusca.
- Mr. C. E. Clarke: Large collection of N.Z. Insects.
- Executors Mr. W. M. Cole: Stone and Bronze Age Artifacts.
- Miss Webster and Mr. G. F. Webster: Water-colour drawings of the Solomon Islands.
- 1930 Mr. John Kenderdine: Large collection of books and pamphlets, including rare early New Zealand works. Mr. H. E. Vaile: A large collection of Maori implements and greenstone ornaments. Mr. Moss Davis: Selected Maori exhibits; also porcelain and ivory. Mr. L. J. Matthews: Two specimens of Moa eggs. Dr. L. Cockayne: Large collection of N.Z. plants.

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- 1931 Sir Cecil Leys and Mrs. Selwyn Upton: Valuable Maori antiquities: additions to the Dr. T. W. Leys collection. Mrs. S. J. Lushington: Collection of Silver and Sheffield Plate. Mrs. A. C. Lennard: Collection of English porcelain.
- Lt.-Colonel A. R. Hughes: Collections of birds and mollusca from Ceylon.
- 1932 Mr. H. S. Dadley: Large and valuable collection of Oriental Arts. Mr. Moss Davis: British Gold and Silver Coins and European Ivories and Bronzes. Hon. Sir James Parr: Gold and Silver Mementoes of public events in New Zealand, and case for their display.
- 1933 Vaile Collection: Additional gift of many valuable Maori antiquities. Mr. W. Goodfellow: Extensive ethnographical collection from Northern Melanesia.
- 1934 Miss Eleanor Brown and Mrs. Geo. Brownlee: Collection of heirlooms of the Ngati-toa and Ngati-awa Tribes. Messrs. R. B. & G. Matthews: The H.B. Matthews Herbarium.
- 1935 Mr. F. Crossley Mappin: Maori Specimens, including handsomely carved sternpost. The Admiralty: Model of H.M.S. New Zealand.
- 1936 Captain G. Humphreys-Davies: Large and valuable collection of Chinese pottery figures. Mrs. T. G. Russell: 235 volumes of chemical and physical works from the library of her father, the late Professor Brown. Mr. E. Earle Vaile: Valuable Maori hei-tiki and Rapa Island stone artifacts. The Estate of the late H. E. Vaile: Maori and Polynesian ethnographical collection; carvings and ornaments.
- 1937 Mr. E. Earle Vaile: Collection of ethnographical specimens and six Italian bronzes. Sir Algernon Thomas: Library of scientific books and papers.
- 1938 Mr. E. Earle Vaile: Gift of many early New Zealand books and journals. Mr. J. R. le B. Tomlin: Gift of valuable early editions of natural history works. Mr. F. Crossley Mappin: Early Chinese Pottery and Bronzes.
- 1939 Mr. E. Earle Vaile: Maori carvings, large Melanesian collection and gifts to the Library. Mr. J. R. le B. Tomlin: Gift of early Worcester china and early works on natural history. Mr. W. Goodfellow: Large Melanesian collection.
- 1941 Mr. H. R. Jenkins: Historic anchor associated with the ill-fated H.M.S. Bounty. Mrs. T. G. Russell: 500 volumes of botanical and biographic works from the library of her father, the late Professor Brown. Mr. Ormsby Gore Adams bequeathed cinema camera, photographic equipment and nature films.
- 1942 Mrs. A. A. Richardson: The late Mr. J. D. Richardson's extensive collection of early Auckland photographs and lantern slides. Col. the Hon. F. Waite, D.S.O., M.L.C.: Large collection of Egyptian pre-dynastic artifacts, flints, slate palettes, and pottery 7500-4300 B.C.; also pottery lamps of Egyptian, Roman, Greek and Arabic manufacture.

- 1943 **Captain G. A. Humphreys-Davies:** His extensive and valuable collection of Chinese arts. **Mr. E. Earle Vaile:** Large collection of books and pamphlets on exploration and early life in the South Pacific. **Mrs. W. H. Hemingway:** The late Mr. Hemingway's display and cabinet collections of insects. **Colonel the Hon. F. Waite, D.S.O., M.L.C.:** Further collections from Egyptian Pre-dynastic, Dynastic and Ptolemaic periods.
- 1944 **Mrs. B. Quigley and Miss E. Kenderdine:** Large number of books on early New Zealand history. **Mr. E. Earle Vaile:** Collection of works on South Pacific exploration and New Zealand history. **Captain G. A. Humphreys-Davies:** Ancient Chinese bronze sculpture. **Mr. J. C. Entrican:** Large collection of Eastern Polynesian stone implements.
- 1945 **Mr. W. G. White:** A valuable very representative collection of Worcester and Chelsea China. **Mr. E. Earle Vaile:** Important Maori Ethnographical Collections, and books on South Pacific Exploration and New Zealand History.
- 1947 **Lady Leys Fund, Sir James Gunson Fund, and E. Earle Vaile Fund:** Collection of 60 greenstone hei tiki and greenstone adzes purchased in England.
Mr. Jas. C. Entrican: Gave his extensive collection of medals and coins and library of books on Numismatics.
Mr. Geo. Finn: Presented a collection of books and newspaper records, reports and illustrations collected over a number of years.
Lieutenant A. G. Carnahan, R.N.R.: Presented Viscount Jellicoe's racing 14-footer "Iron Duke."
- 1948 **Sir Frank Mappin:** 16mm Cine-sound projector.
- 1949 **Mr. and Mrs. J. Yock:** Old English sterling silver salver.
- 1950 **Mrs. J. P. Campbell:** Eighteenth century inlaid sideboard.
Mr. Wm. Goodfellow: Delft vase and other early ceramics.
Mr. V. J. Larner: Early china and delft vase.
- 1951 **Mrs. Goldie:** Twenty portraits of Maoris by the late Mr. C. F. Goldie.
Rev. Harry Johnson: Extensive collection of native arts and crafts from Tanganyika.
Rev. Charles Palmer: Melanesian ethnographical collection; mementoes of Bishop Selwyn and early New Zealand books.
Mr. W. J. Crowther: Selected examples of English porcelain and eighteenth century silver plate.
- 1952 **Mr. E. Earle Vaile:** Selected early works on discovery and exploration in the Pacific.
Sir Frank Mappin: Eighteenth century silver and Sheffield plate.
New Zealand Insurance Company: Suite of large cabinets and library furniture.
Mr. William Goodfellow: Three Maori portraits by Lindauer.
Sir Carrick Robertson: Collection of Zulu ornaments.
Lieut.-Commander J. F. A. O'Neill, D.S.C.: Ethnographical collection from Tikopia.
Miss W. S. Dudley and Miss Jean Robertson: Pencil and wash drawings of early New Zealand, by Major Charles Heaphy.

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- 1954 **Mrs. Robert Cooper:** Collection of botanical books and book-cases.
Sir Frank Mappin: William and Mary walnut cabinet and early seventeenth century chairs.
Mrs. P. Sklenars: Model of four-masted barque "Pamir" made by her father, Mr. W. S. Nelson.
- 1955 **Dr. J. A. Clinch:** English silver and Sheffield plate.
Sir Ernest and Lady Davis: Portrait of Sir Edmund Hillary, K.B.E.
Mrs. A. M. Ferguson, O.B.E.: Maori and Oceanic ethnographical collection.
Mr. C. Roose: Set of 2000 charts of the Pacific.
Mr. G. J. H. Ovenden: Full set of publications of Palestine Exploration Fund.
Wellcome Museum Trustees: extensive selection of ethnological specimens.
- 1956 **Miss E. Blumhardt:** Large set of her paintings of native flowers.
The Misses C. M. and I. F. Stewart: Collection of Maori greenstone ornaments and weapons.
Sir Ernest Davis: Portrait of H.M. the Queen.
Mr. John Pybus: Five moa skeletons from Waitomo district.
- 1958 **Rev. Canon Hubert Jones:** Sets of English West-County history.
- 1959 **Mrs. R. Rose:** English Sheraton Cabinet and Japanese lacquer and inlay cabinet.
Dr. Marjorie Young: Collection of ethnographical specimens from New Guinea highlands.
Sir Frank Mappin: English eighteenth century mahogany bureau-secretaire.
- 1960 **Farmers Trading Company's Jubilee gift of a Spitz Planetarium** with full range of accessories, the planetarium building and furnishings.
Sir Ernest Davis: Portrait of Lord Freyberg.
Sir Frank Mappin: Two oil paintings for council room and exhibition hall.
Mr. L. J. Ayre: Extensive philatelic collection and a monetary bequest.
Miss Lina V. Bruce: 18th century north country spinning wheel.
Mrs. Susan Payne: library cabinets, philatelic and ethnographical collections.
- 1961 **Mr. Leo White:** Series of coloured wall display photographs of Auckland.
Auckland Citizen: Portrait of His Excellency the Governor-General.
Northern Steamship Company: Builder's models of "Wakatere" and "Manai'a".
Union Steamship Company: Builder's model of "Ormonde".
- 1962 **Mrs. Blanche Halcombe:** books, collections of native birds and ethnological articles.
Sir Ernest Davis: large model sailing ship.
Mrs. E. E. Goodhue: collection of Northland greenstone ornaments.
Miss M. F. Hoole: bequeathed a Sheraton sofa table.
Dr. and Mrs. J. L. Newman: large Chinese silk and gold embroidery.
The Countess of Orford: Water colour drawing of Auckland by J. C. Hoyte.
Mrs. G. R. S. Fisher: Notable examples of early English-Continental lace.

AUCKLAND INSTITUTE AND MUSEUM

INCOME AND EXPENDITURE ACCOUNT

For the Year Ended 31st March, 1962.

| EXPENDITURE | £ | s | d | INCOME | £ | s | d | £ | s | d |
|--|---------|----|----|---|--------|----|----|---------|----|---|
| Salaries and Wages | 20,812 | 14 | 1 | Contributions from Local Authorities | | | | | | |
| Superannuation | 1,715 | 6 | 0 | Metropolitan | 22,977 | 0 | 0 | | | |
| Insurance | 268 | 5 | 10 | Provincial | 2,046 | 2 | 2 | | | |
| Repairs and Maintenance:— | | | | | | | | 25,023 | 2 | 2 |
| Building | 915 | 13 | 11 | Subscriptions — | | | | | | |
| Showcases and Furniture | 133 | 8 | 5 | Ordinary | 1,760 | 18 | 0 | | | |
| Equipment and General | 27 | 0 | 0 | Life Members' | 189 | 0 | 0 | | | |
| Institute Expenses | 575 | 10 | 6 | | | | | 1,949 | 18 | 0 |
| Special Exhibitions | 102 | 11 | 8 | Interest on Trusts and Specific Endowments | 705 | 9 | 7 | | | |
| Extension Service | 246 | 14 | 10 | .. General Endowments | 1,108 | 14 | 3 | | | |
| Planetarium | 89 | 15 | 5 | .. Reserves or Special Gifts | 27 | 2 | 6 | | | |
| Photography and Education | 58 | 11 | 2 | | | | | 1,841 | 6 | 4 |
| Botany Department | 27 | 2 | 6 | Sale of Transactions | | | | 90 | 0 | 0 |
| General Administration Expenses | 165 | 5 | 4 | Sale of Publications | | | | 1,086 | 7 | 9 |
| Heating, Lighting and Water | 674 | 5 | 0 | Rent and Interest (Receiver of Land Rev.) | | | | 13 | 13 | 0 |
| Postages and Telephones | 551 | 13 | 4 | Donations — | | | | | | |
| Travelling | 1,031 | 8 | 3 | Contribution Box | 398 | 2 | 11 | | | |
| Printing and Stationery | 653 | 17 | 3 | Special | 549 | 2 | 1 | | | |
| Audit Fee | 77 | 5 | 0 | | | | | 947 | 5 | 0 |
| Cleaning | 91 | 19 | 1 | Guide Fees | | | | 48 | 6 | 0 |
| Freight and Cartage | 31 | 3 | 8 | Miscellaneous | | | | 44 | 6 | 5 |
| Sundry Expenses | 125 | 10 | 1 | | | | | | | |
| Subscriptions Written Off | 86 | 2 | 0 | | | | | | | |
| Unauthorised Expenditure — | | | | | | | | | | |
| Entertainment, etc. | 25 | 14 | 10 | | | | | | | |
| Balance transferred to Appropriation Account | 2,557 | 6 | 5 | | | | | | | |
| | £31,044 | 5 | 0 | | | | | £31,044 | 5 | 0 |

APPROPRIATION ACCOUNT

For the Year Ended 31st March, 1962.

| | £ | s | d | | £ | s | d |
|------------------------------------|--------|----|---|---|--------|----|----|
| Capital Expenditure from Revenue | 2,747 | 18 | 9 | Balance from Income and Expenditure Account | 2,557 | 6 | 6 |
| Capital Expenditure from Reserves | 4,594 | 5 | 3 | Profit on Sale of Investments | 98 | 15 | 0 |
| Building Maintenance Reserve | 84 | 6 | 1 | Profit on Sale of Properties | 120 | 16 | 0 |
| Life Members' Subscription Reserve | 189 | 0 | 0 | Transfer from Auckland Savings Bank Reserve | 2,958 | 5 | 6 |
| Motor Vehicle Depreciation Reserve | 276 | 17 | 0 | Transfer from Museum Endowment | 599 | 18 | 7 |
| Valle Obsolescence Fund | 120 | 16 | 6 | Transfer from John Logan Campbell Trust Reserve | 1,336 | 19 | 6 |
| | | | | Transfer from MacKeechle Library Trust | 188 | 7 | 10 |
| | | | | Transfer from Botany Department Reserve | 59 | 10 | 0 |
| | | | | Transfer from Stamp Collection Reserve | 51 | 2 | 5 |
| | | | | Balance 31/3/62 | 42 | 1 | 9 |
| | £8,013 | 3 | 1 | | £8,013 | 3 | 1 |

AUCKLAND INSTITUTE AND MUSEUM

BALANCE SHEET AS AT 31st MARCH, 1962.

| LIABILITIES | | | | ASSETS | | | | | |
|---|---------|----|----|---------|----|----|---------|---|----|
| | £ | s | d | £ | s | d | £ | s | d |
| Capital — Balance 1/4/61 | 962,098 | 10 | 11 | | | | | | |
| Additions during year | | | | | | | | | |
| Capital Expenditure from Reserves | 4,594 | 5 | 3 | | | | | | |
| Capital Expenditure from Trusts | 2,383 | 8 | 2 | | | | | | |
| Capital Expenditure from Revenue | 2,747 | 18 | 9 | | | | | | |
| Total Capital | | | | 971,824 | 3 | 1 | | | |
| Trusts and Special Endowments — as per statement | 64,859 | 0 | 11 | | | | | | |
| General Endowments — as per statement | 25,443 | 18 | 7 | | | | | | |
| Reserves and Special Gifts — as per statement | 20,101 | 12 | 9 | | | | | | |
| Total Trusts and Reserves | | | | 110,404 | 12 | 3 | | | |
| Creditors | | | | | | | | | |
| Subscriptions in Advance | 54 | 8 | 0 | | | | | | |
| Deposit on Sale of Land | 4,000 | 0 | 0 | | | | | | |
| Sundry | 2,565 | 13 | 11 | | | | | | |
| | | | | 6,620 | 1 | 11 | | | |
| Income and Expenditure Account — | | | | | | | | | |
| Balance 1/4/61 | 892 | 16 | 6 | | | | | | |
| Less Excess of Expenditure over Income for the year | 42 | 1 | 9 | | | | | | |
| | | | | 850 | 14 | 9 | | | |
| Buildings — Balance 1/4/61 | | | | 667,312 | 10 | 3 | | | |
| Additions during year | | | | 4,835 | 17 | 6 | | | |
| Edward Earle Vaile Trust Properties | | | | | | | 672,148 | 7 | 9 |
| Collections — Balance 1/4/61 | | | | 181,250 | 3 | 4 | | | |
| Additions during year | | | | 1,292 | 0 | 9 | | | |
| Furniture and Fittings — Balance 1/4/61 | | | | 35,208 | 1 | 11 | | | |
| Additions during year | | | | 1,011 | 6 | 5 | | | |
| Library — Balance 1/4/61 | | | | 36,216 | 11 | 3 | | | |
| Additions during year | | | | 1,834 | 16 | 4 | | | |
| Scientific Equipment | | | | | | | 38,051 | 7 | 7 |
| Additions during year | | | | 508 | 1 | 9 | | | |
| Plant, Tools and Equipment — Balance 1/4/61 | | | | 726 | 19 | 3 | | | |
| Additions during year | | | | 243 | 9 | 5 | | | |
| Motor Vehicle | | | | | | | 970 | 8 | 8 |
| | | | | | | | 1,384 | 4 | 11 |
| Total Capital | | | | | | | 971,824 | 3 | 1 |
| Investments — | | | | | | | | | |
| Mortgages | | | | 8,250 | 0 | 0 | | | |
| Debentures and Stock | | | | 19,414 | 8 | 4 | | | |
| N.Z. Government Stock | | | | 30,321 | 3 | 4 | | | |
| N.Z. War Savings | | | | 13,543 | 3 | 8 | | | |
| Australian Commonwealth Stock | | | | 1,970 | 10 | 0 | | | |
| Total Investments (par value) | | | | 74,185 | 6 | 3 | | | |
| E. E. Vaile Bequest — | | | | | | | 73,499 | 5 | 4 |
| Properties | | | | 25,390 | 0 | 0 | | | |
| Shares | | | | 2,056 | 5 | 0 | | | |
| Effects | | | | 42 | 15 | 0 | | | |

| | | | | | |
|------------------------|-----|-----|-------|----|------------------|
| | | | | | 27,489 0 0 |
| Cash — | | | | | |
| Auckland Savings Bank | --- | --- | 2,818 | 9 | 2 |
| Bank of N.Z. Newmarket | --- | --- | 8,837 | 4 | 2 |
| Bank of N.Z. London | --- | --- | 431 | 10 | 7 |
| Cash and Advances | --- | --- | 59 | 0 | 0 |
| Cash in Hand | --- | --- | 38 | 13 | 0 |
| | | | | | 12,184 16 11 |
| Debtors — | | | | | |
| Members' Subscriptions | --- | --- | 253 | 13 | 0 |
| Publications | --- | --- | 111 | 0 | 3 |
| School Service | --- | --- | 13 | 2 | 11 |
| | | | | | 377 16 2 |
| Stocks — | | | | | |
| Books and Publications | --- | --- | | | 4,324 10 6 |
| | | | | | £ 1,089,699 12 0 |
| | | | | | £ 1,089,699 12 0 |

GILBERT ARCHEY
Treasurer

EDWARD EARLE VAILE ENDOWMENT AND BEQUEST ACCOUNT
(a summary of this account is included in the Capital Endowments)

| | £ | s | d | | £ | s | d | £ | s | d |
|-------------------------------|-----|-----|------------|----------------------------|-----|-----|----------|---|---|-------------|
| Capital Expenditure — | | | | Rents Received | | | | | | 5,744 4 5 |
| Ethnological Specimens | --- | --- | 985 8 8 | Less Expenses — | | | | | | |
| Library | --- | --- | 1,397 19 6 | Commission | --- | --- | 281 14 9 | | | |
| Transfer To Obsolescence Fund | --- | --- | 200 0 0 | Insurance | --- | --- | 247 17 5 | | | |
| Legal Fee | --- | --- | 3 3 0 | Repairs and Maintenance | --- | --- | 863 14 3 | | | |
| Unexpended Balance 31/3/62 | --- | --- | 3,588 11 4 | Rates | --- | --- | 735 3 0 | | | |
| | | | | Architect's Fees | --- | --- | 176 17 0 | | | |
| | | | | | | | | | | 2,305 6 5 |
| | | | | Nett Rents | --- | --- | | | | 3,438 18 0 |
| | | | | Sales of Books | --- | --- | | | | 8 6 |
| | | | | Interest | --- | --- | | | | 527 2 6 |
| | | | | Dividend | --- | --- | | | | 140 0 0 |
| | | | | Deposit | --- | --- | | | | 15 0 0 |
| | | | | Unexpended Balance 31/3/61 | --- | --- | | | | 2,053 13 6 |
| | | | | | | | | | | £ 6,175 2 6 |
| | | | | | | | | | | £ 6,175 2 6 |

STATEMENT OF
TRUSTS; SPECIFIC AND GENERAL ENDOWMENTS; RESERVES OR SPECIAL GIFTS

| DESCRIPTION | Capital Balance 1/4/61 | | Income Balance 1/4/61 | | Interest | Other Receipts | Total Income | Payments | Detail | Income Balance 31/3/62 | | Capital Balance 31/3/62 | Total Balance |
|--|---------------------------|------|--------------------------|------|------------|-------------------|-----------------|------------|------------------------------------|---------------------------|------------|-------------------------------|------------------|
| | Dr. | Cr. | Dr. | Cr. | | | | | | Dr. | Cr. | | |
| Trusts and Specific Endowments | | | | | | | | | | | | | |
| Accumulating Endowment | 547 | 0 11 | | | 24 2 0 | | 24 2 0 | | | | 24 2 0 | 547 0 11 | 571 2 11 |
| H. G. Atkinson—Research | 685 | 10 8 | | | 30 2 2 | | 30 2 2 | | | | 30 2 2 | 685 10 8 | 715 12 10 |
| L. J. Ayre—Philately | 888 | 19 2 | | | 38 15 9 | | 38 15 9 | | | | 38 15 9 | 888 19 2 | 927 14 11 |
| J. C. Entrican—Numismatics | 1,091 | 8 3 | 113 | 8 3 | 52 17 2 | | 166 5 5 | | | | 166 5 5 | 1,091 8 3 | 1,257 13 8 |
| Mackechnie—Library | 2,000 | 0 0 | 96 | 5 0 | 92 2 10 | | 188 7 10 | 188 7 10 | Appn A/c | | 8 16 7 | 2,000 0 0 | 2,000 0 0 |
| Mitchelson Prize | 100 | 0 0 | 4 | 5 0 | 4 11 7 | | 8 16 7 | | | | | 100 0 0 | 108 16 7 |
| Museum Endowment | 14,116 | 4 5 | 599 | 18 7 | 646 18 5 | | 1,246 17 0 | 646 18 5 | I&E A/c | | | | |
| | | | | | | | | 599 18 7 | Appn A/c | | | 14,116 4 5 | 14,116 4 5 |
| Pond Cheeseman Bequest— Commemoration Prize | 145 | 0 0 | 5 | 3 3 | 6 11 11 | | 11 15 2 | | | | 11 15 2 | 145 0 0 | 156 15 2 |
| Sir Carrick Robertson—Research | 600 | 0 0 | 119 | 6 6 | 31 9 0 | | 150 15 6 | | | | 150 15 6 | 600 0 0 | 750 15 6 |
| Edward Earle Vaile—Ethnology, Library | 37,394 | 0 0 | 2,053 | 13 6 | 527 2 6 | 3,594 6 6 | 6,175 2 6 | 2,586 11 2 | VaileA/c | | 3,588 11 4 | 37,394 0 0 | 40,982 11 4 |
| Bertha Wilson—Cinematography | 2,000 | 0 0 | 85 | 0 0 | 91 12 9 | | 176 12 9 | | | | 176 12 9 | 2,000 0 0 | 2,176 12 9 |
| Bertha Wilson—Photography | 1,000 | 0 0 | 105 | 1 0 | 48 11 0 | | 153 12 0 | 58 11 2 | I&E A/c | | 95 0 10 | 1,000 0 0 | 1,095 0 10 |
| | 60,568 | 3 5 | 3,182 | 1 1 | 1,594 17 1 | 3,594 6 6 | 8,371 4 8 | 4,080 7 2 | | | 4,290 17 6 | 60,568 3 5 | 64,859 0 11 |
| Endowments General | | | | | | | | | | | | | |
| Campbell Bequest | 1,000 | 0 0 | | | 43 18 10 | | 43 18 10 | | | | | 1,000 0 0 | 1,000 0 0 |
| Costley Bequest | 7,700 | 0 0 | | | 337 8 2 | | 337 8 2 | | | | | 7,700 0 0 | 7,700 0 0 |
| Sir Albert Ellis | 100 | 0 0 | | | 4 7 11 | | 4 7 11 | | | | | 100 0 0 | 100 0 0 |
| Goldie Bequest | 1,000 | 0 0 | | | 43 18 10 | | 43 18 10 | | | | | 1,000 0 0 | 1,000 0 0 |
| Gore-Adams Bequest | 100 | 0 0 | | | 4 7 11 | | 4 7 11 | | | | | 100 0 0 | 100 0 0 |
| Hanson Bequest | 2,253 | 19 1 | | | 99 0 1 | 1 11 6 | 100 11 7 | | | | | 2,255 10 7 | 2,255 10 7 |
| Harding Bequest | 500 | 0 0 | | | 21 19 5 | | 21 19 5 | | | | | 500 0 0 | 500 0 0 |
| Herries Bequest | 1,000 | 0 0 | | | 43 18 10 | | 43 18 10 | | | | | 1,000 0 0 | 1,000 0 0 |
| Houghton Bequest | 824 | 1 11 | | | 36 4 4 | | 36 4 4 | | | | | 824 1 11 | 824 1 11 |
| Humphrey-Davies Bequest | 590 | 8 3 | | | 25 19 3 | | 25 19 3 | | | | | 590 8 3 | 590 8 3 |
| Sir Cecil Leys Bequest | 1,000 | 0 0 | | | 43 18 10 | | 43 18 10 | 1,108 14 3 | Total Interest to I&E A/c | | | 1,000 0 0 | 1,000 0 0 |
| Life Members' Subscriptions | 6,313 | 16 5 | | | 277 8 6 | 189 0 0 | 466 8 6 | | | | | 6,502 16 5 | 6,502 16 5 |
| Lunn Bequest | 25 | 0 0 | | | 1 2 0 | | 1 2 0 | | | | | 25 0 0 | 25 0 0 |
| Marshall Bequest | 550 | 0 0 | | | 24 3 4 | | 24 3 4 | | | | | 550 0 0 | 550 0 0 |
| Mitchell Bequest | 25 | 0 0 | | | 1 2 0 | | 1 2 0 | | | | | 25 0 0 | 25 0 0 |
| Mitchelson Bequest | 1,000 | 0 0 | | | 43 18 10 | | 43 18 10 | | | | | 1,000 0 0 | 1,000 0 0 |
| Nathan Bequest | 100 | 0 0 | | | 4 7 11 | | 4 7 11 | | | | | 100 0 0 | 100 0 0 |
| Sarah Powley Bequest | 171 | 1 5 | | | 7 10 5 | | 7 10 5 | | | | | 171 1 5 | 171 1 5 |
| Shaw Bequest | 1,000 | 0 0 | | | 43 18 10 | | 43 18 10 | | | | | 1,000 0 0 | 1,000 0 0 |
| | 25,253 | 7 1 | | | 1,108 14 3 | 190 11 6 | 1,299 5 9 | 1,108 14 3 | | | | 25,443 18 7 | 25,443 18 7 |

Reserves or Special Gifts

| | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|------------|----------|----------|-----------|-------------|-------------|------------|-----------|--|--|----------|--------------|-------------|--|--|--|--|--|--|--|
| Auckland Savings Bank—Building | 2,600 0 0 | | | | | | | | | | | | | | | | | | | |
| Botany Department | 105 5 9 | 233 15 0 | 124 10 6 | | | 358 5 6 | 2,958 5 6 | Appn A/c | | | | | | | | | | | | |
| | | | 4 12 8 | | | 4 12 8 | 27 2 6 | I&E A/c | | | | | | | | | | | | |
| | | | | | | | 59 10 0 | Appn A/c | | | | | | | | | | | | |
| Building Maintenance | 6,880 16 2 | | 302 8 5 | 84 6 1 | | 386 14 6 | | Appn A/c | | | | | | | | | | | | |
| Sir John Logan Campbell Trust | | | | 2,400 0 0 | | 2,400 0 0 | 1,336 19 6 | Appn A/c | | | | | | | | | | | | |
| Depreciation of Investments | 384 10 9 | | 17 8 0 | | | 17 8 0 | | | | | | | | | | | | | | |
| Educational Publications | 1,044 5 4 | | 44 10 6 | | | 44 10 6 | | | | | | | | | | | | | | |
| Horton Geology | 92 17 5 | 3 18 8 | 4 6 10 | | | 8 5 6 | | | | | | | | | | | | | | |
| Memorial Hall | 1,864 7 2 | | 81 17 8 | | | 81 17 8 | | | | | 8 5 6 | | | | | | | | | |
| Motor Vehicle Depreciation | 138 10 0 | | 6 2 6 | 276 17 0 | | 282 19 6 | | Appn A/c | | | | | | | | | | | | |
| Oceanographic Grant | 75 0 0 | 3 3 9 | 3 9 2 | | | 6 12 11 | | | | | 6 12 11 | | | | | | | | | |
| Publications | 2,734 5 10 | | 119 15 3 | | | 119 15 3 | | | | | | | | | | | | | | |
| Showcases for White China | 10 10 0 | 8 6 | 9 5 | | | 17 11 | | | | | 17 11 | | | | | | | | | |
| Specimen Purchase | 870 8 5 | | 38 5 2 | | | 38 5 2 | | | | | | | | | | | | | | |
| Stamp Collection | 57 11 8 | | 2 10 2 | 13 10 0 | | 16 0 2 | 51 2 5 | Appn A/c | | | | | | | | | | | | |
| Swords Purchase | 10 0 0 | 8 6 | 9 1 | | | 17 7 | | | | | 17 7 | | | | | | | | | |
| Vaile Obsolescence Fund | 3,427 12 3 | | 150 13 1 | 200 0 0 | | | | Vaile A/c | | | | | | | | | | | | |
| | | | | 120 16 0 | | | | Appn A/c | | | | | | | | | | | | |
| | | | | | | 471 9 1 | | | | | | | | | | | | | | |
| | 20,296 0 9 | 241 14 5 | 901 8 5 | 3,095 9 1 | 4,238 11 11 | 4,432 19 11 | | | | | 16 13 11 | 20,084 18 10 | 20,101 12 9 | | | | | | | |

ACCESSIONS 1961-62

- Mr. W. R. Alexander: Model of ship "Lyttelton".
Mr. Rigby Allan: Timber of *Entelea arborescens*.
Mr. Fred Andersen: Two neolithic stone adzes.
Mr. A. B. Atkinson: Embroidery in silk from Burton House, Westmoreland.
Mrs. F. Bates: Seal skin covered cigar case.
Master G. Behague: Large stone adze.
Mrs. M. I. Bennett: "Wanzer" sewing machine.
Mr. G. V. Binet: Collection of ethnographical specimens.
Mrs. Elizabeth Binks: Christening robe used by Rathbone family, County Galway.
Mrs. L. Binks: (a) Sisal rope; (b) Snake skin.
Mr. W. H. Boswell: Wooden bowl.
Miss P. Boyd: Three stone adzes and stone polisher.
Mrs. C. Breckon: Uniforms of Royal Marine Light Infantry and Royal Marines.
Mr. W. E. Brown: Painted rubbing stick used for producing fire.
Mr. Ivan Brownlee: Fragment of *putorino*.
Mr. H. J. Buckingham: Maori articles including greenstone tiki, and adze.
Miss Valerie Bull: Stone adze.
Mr. D. N. Campbell: Dress uniforms H.M.I.N. 1850 worn by Captain C. D. Campbell.
Mr. D. N. Campbell: Phosphatic rock specimens.
Mrs. F. C. Carr: Twenty pieces of 18th and 19th Century lace.
Mrs. F. C. Carr: Collection of minerals in case.
Mr. O. C. Chapman: Stone flax beater.
Mrs. E. W. Colebrook: Hafted adze and coconut spoon.
Dr. R. C. Cooper: Circular stone, slightly worked on top.
Mr. A. G. C. Crawford: Early photographs of N.Z.; Maori adze.
Mr. A. G. Dalton: Baltic medal, belt buckles, box of surgical instruments.
Miss O. M. Darrach: Collection of ethnographical specimens.
Miss O. M. Darrach: Three builders block ship models.
Mrs. B. de Boissiere: Wooden lipped club, fly-whisk.
Mrs. A. E. E. Dodd: Portion of canoe sternpost; carved walking-stick.
Mr. J. F. Donovan: The Gallipoli Landing: photo-engraving of painting by Charles Dixon, R.I.
Mr. O. Douglas: Two wooden fern-root beaters and a *patu tuna* or eel club.
Mrs. W. W. Dove: Beaded purse.
Mrs. Draffin: Marble clock.
Colonel T. Durrant, D.S.O.: 18th Century barometer.
Miss Frances Emmott: Ceylon gold brooch.
Mrs. G. J. S. Fisher: Two 18th Century lace capes.

- Mrs. J. Foulds: 18th Century wedding costume.
Mr. W. S. Fraser: Model Chinese junk.
Mr. F. C. Garland: Collection of badges representing units serving on Gallipoli, World War I.
Rev. Canon R. Godfrey: Strung shell money; Tridacna breast ornament; woven maro.
Mrs. E. E. Goodhue: The collection of greenstone ornaments previously deposited by the late Mr. T. F. Goodhue of Kaikohe.
Mrs. T. M. Gray: Flying helmet worn by donor's son, the late Squadron Leader C. M. Gray, R.N.Z.A.F.
Mrs. T. M. Gray: Carved wooden fish.
Mrs. L. M. Hackshaw: Oriental textiles including Persian carpets and Kashmir embroidery.
The late Mrs. Blanche Halcombe: Collection of Maori ethnographical specimens including stone adzes, birds, pictures and books.
Mr. I. Hart: Order for issue of military pay, N.Z.E.F., World War I.
Mr. J. H. Harvey: Walking stick with carved ivory handle.
Mr. E. J. Hastings: Brace and bit.
Mrs. E. Havell: Gold mounted engraved pearl-shell brooch.
Mr. H. R. Hicks: Papuan ethnographical specimens.
Mrs. W. Hill: Type material. *Bagnisia hillii*.
Lady Hillary: Light muslin scarf placed around shoulders of a person being welcomed. Tibet.
Sir Edmund Hillary: Polar kit worn by donor on journey to the South Pole 1958; also astro-compass and bubble sextant used for navigation thereon and track chart from depot 480 to depot 700.
Sir Edmund Hillary: Bubble-sextant used by Air Commodore Fellowes in reconnaissance flights over Everest, in 1933.
Mr. and Mrs. S. K. Hitchcock: Crest of H.M.N.Z.S. Moa (sunk by air attack at Tulagi, April 1943).
Miss G. Holman: Broad axe.
The late Miss M. F. Hoole of Rotorua: Sheraton sofa-table.
Mr. G. A. Howland: Carved wooden pendant in Chinese style.
Mr. T. F. Hutchinson: English twopenny piece of 1797.
Mr. Mervyn Hynes: Lowestoft tea bowl.
Mrs. M. E. Innes: Woven flax kit.
Mrs. Irvine: Pheasant's egg.
Mr. Edward Jackson: Booklet of Employees Motor Car Tickets of Devonport Steam Ferry Co.
Mr. Gilbert Jackson: Three fruit stands and one Sireh box, made from Malayan tin.
Mr. J. M. Jones: Javanese wooden figure (obtained in P.O.W. Camp from an Australian).
Mrs. Keenan: Giant worm of Gippsland; Loch, Victoria.
Mrs. Kellard: C.I.V. (City of London Volunteer certificates, documents, and medals of John James Whyntie, and woven Paisley Shawl.

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- Mr. P. H. Keyes: Collection of *paua* shell folk art.
Mr. R. G. King: Swedish coin. 5 ore 1755.
Lieut. P. K. Laker, R.N.Z.N.: Relics of the Hiroshima bomb explosion.
Miss M. E. Lavers: Collection of bygones and ethnographical specimens.
Mr. G. Leser: Stone adze.
Mrs. C. P. Lewis: Butt of handle of *patu onewa*.
Mrs. L. D. Little: Assorted coins — Egyptian and Turkish.
Mrs. L. D. Little: (a) Whip; (b) Spear point; (c) Ghurka knife; (d) Bayonet.
Miss J. T. Livingston: Nine drawings of epiphytes.
The Low Family: Stone minnow shank.
Mr. H. MacMillan: Egg of Kiwi.
Mr. Gerald Maire: Part of a Kakapo skeleton from cave.
Mrs. McLay: English tea set.
Mrs. W. A. Mills: Stone adze.
Mr. Gordon Minhinnick, O.B.E.: Ivory and pearl shell breast-plate ornament and two tambua.
Miss H. Moffat: Diamond Jubilee mug of Queen Victoria.
Mr. S. F. Molesworth: Kreuger shilling.
Mr. G. D. Moon: M.G. belt box from Italy and two fragments from Hiroshima; Maori and Polynesian artefacts; Tsuba — sword guards.
Miss C. M. Morrison: Service medals of J. H. Rutherford, 5. N.Z.M.R.
Capt. K. Mullertz: Wardrobe of N.Z. timbers.
New Zealand Geological Survey: Cast of type of fossil cray fish.
Dr. and Mrs. J. L. Newman: Large Chinese silk and gold embroidery.
Dr. A. L. Noakes: Scrimshaw work, ethnographical articles, card case and jug; double-barrelled percussion pistol.
The Countess of Orford: Four Embroidered Carpets; J. C. Hoyte water-colour, Tamaki Strait.
Mr. Gordon Orr: "The Mecca" Foot warmer.
Sub-Lieutenants Sergio Ostornal and Claudio Virgilio: Two Easter Island carved objects.
Mrs. Gladys Alma Parker deceased: New Zealand wood turning and box-making — four pieces.
Mrs. Parker: Palette of C. F. Goldie.
Mrs. T. B. Parkinson: Two wooden bowls and one bow.
Mrs. A. R. Pascoe: Crimea and Baltic service medals of Alfred Button, and personal documents.
Mr. B. Peguero: Wooden blade of Maori cultivating implement.
Mrs. Price: Collection of military badges and buttons, World War I.
Mrs. M. L. Prier: Geo. III guinea (with pendant), Wilhelm II — 3 — Mark and other coins.
Mr. H. J. Probert: Collection of mounted Australian birds in case.
Mr. R. A. Prouse: Early colonial domestic iron and early type of barbed wire.
Mrs. L. J. Reeve: *Hei tiki*.
Mrs. A. Robertson: Sheet; hand-woven with hand-spun linen made by Robert Graham of Falkirk, Scotland, C. 1810.

- Sir Carrick Robertson: Carved wooden fish supporting detachable bowl.
Commodore J. O'C. Ross: Set of Admiralty drawings of H.M.S. "Endeavour".
Mr. J. Rowley: Dress dirk of Hitler's Brown Shirts.
Mr. W. Sawyers: Wheel of the scow 'Mo'a', wrecked at Hokitika.
Mr. J. Seabrook: Samoan model canoe.
The late Mrs. Skeates: Embroidered fire screen.
Mr. W. A. Skerritt: Australian Stone Adze and rubber.
Mr. D'arcy Smith: (a) Painpattens; (b) Two pistols; (c) Cheque from "Peeke o Astearoa".
Miss A. L. G. Spencer: Basket-covered pot: Small model of body-warmer carried in Kashmir district.
The late Mr. Alexander McLean Stewart: 18ct. gold watch by Robert Anderson and Co., Glasgow.
Mr. A. D. Strother: Ferret.
Mr. W. J. Swears: Air maps of La Basse Ville and surrounding area.
Mrs. J. R. Tate: Kiwi feather cloak.
Mr. C. H. Taylor: House flag of the Huddart Parker Line.
Mrs. E. Thomas: Two pieces of lace.
Mr. R. P. Tozer: Iron Cross — 1939, German.
Mr. R. P. Tozer: Dirk worn by Luftwaffe Officers, Germany.
Mr. M. P. H. Trepels: Kris or knife in sheath; wooden carving with three heads.
Mr. James J. Tucker: Uniform badge and button of N.Z. Armed Constabulary.
Edward Earle Vaile Trust Fund: Additions to the collections purchased through the Edward Earle Vaile Fund include a Beleek bowl of earliest period — 1860-70; a *piupiu*; a wooden maul, and a *patu muka*.
Major Velvin: N.Z. Engineers Roll of Honour.
Mrs. Whyman: Pedigree English fighting cock and Victorian bygones.
Mr. W. H. Williams: Medals: Crimea and U.K. and Turkey. Pte. D. Read, 7th Foot Regt.
Mr. E. Willis: Flax matting.
Mr. A. Wilson: Two walking sticks, one wooden comb and carved wooden figure.
Mr. J. C. Wilson: Badges of East Surrey Rgt. and Royal Army Pay Corps.
Auckland Zoo: Chimpanzee.
Storm-driven, accidentally killed and cage birds: Mr. C. C. Ambrose, Master Kevin Caddy, Mr. R. Chaney, Mr. A. Clarke, Miss Cleary, Mrs. C. H. Coup, Constable Crisp, Mrs. W. L. Dixon, Mr. C. A. Dornbush, Drainage Board, Miss S. Evans, Mr. F. Green, Mr. Trevor Hansen, Mrs. D. Hardwick, Mr. D. Harris, Mr. T. J. Horner, Mr. G. Hole, Mr. P. B. Ironmonger, Mr. B. Jackson, Mr. J. Jenkins, Mrs. Keates, Mr. Richard Lovegrove, Mr. A. Main, Mrs. F. Matthews, Mr. McLisky, Mr. S. P. McWigan, Mr. B. V. Morris, New Zealand Forest Service, Mr. C. R. Olsen, Mrs. L. Sherwin, Mr. R. B. Sibson, Mr. R. A. Sibson, Mr. H. A. Swarbrick, Te Awamutu Historical Society, Mr. J. R. Walker, Mr. G. K. Webster, Rev. N. Zeyen.

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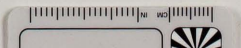
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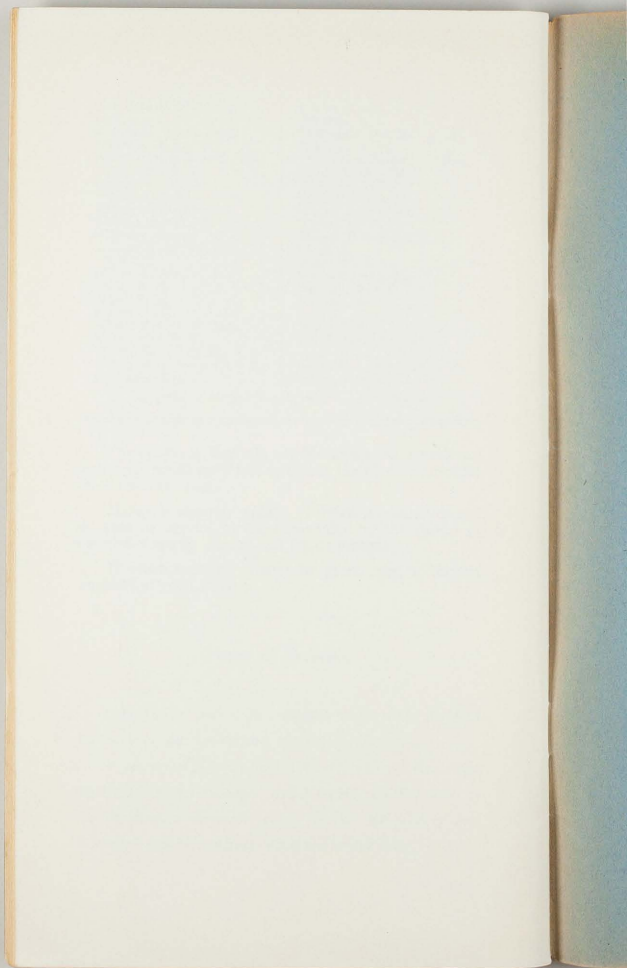
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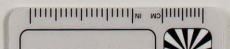
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